Maran User's Manual

V2.00

spring techno GmbH & Co. KG

Welcome to Maran from spring techno GmbH & Co. KG

Maran

User's Manual

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1 Overview

1.1 Introduction

This user manual introduces you to the main concepts and features of Maran. By giving a structured overview and introduction of the application, the Maran development team hopes to enable you to work productively as quickly as possible.

Though not necessarily a must in order to get you going, we recommend that you work through this documentation thoroughly in order to get you acquainted with the required basics for the usage of the application.

1.2 System Requirements

Current release version of Maran was developed specifically for Microsoft's Windows operating system. We recommend that you use Windows 2000 with the latest service packs installed or Windows XP. Your computer's hardware should at least have the following recommended specifications:

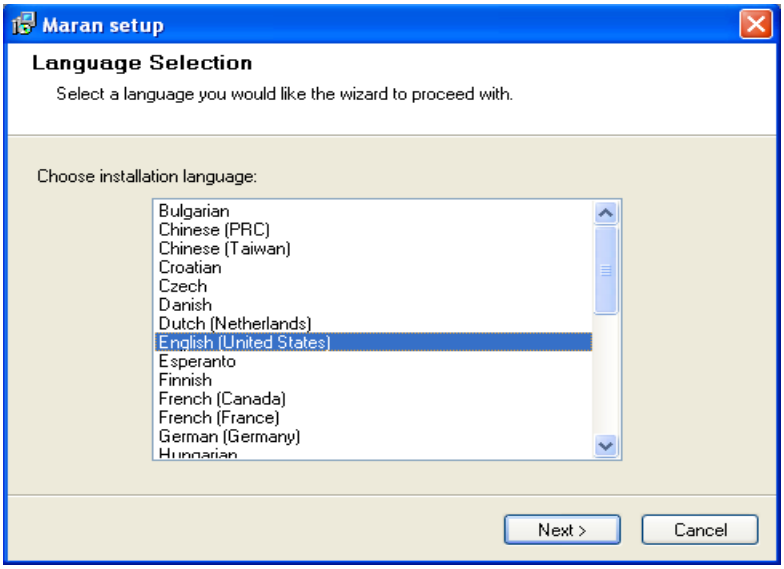
- Pentium IV with 1 GHz or similar CPU
- 512 MB RAM
- 1 GB free hard disk storage a

We also recommended that you use a broadband Internet connection for faster loading of quote updates.

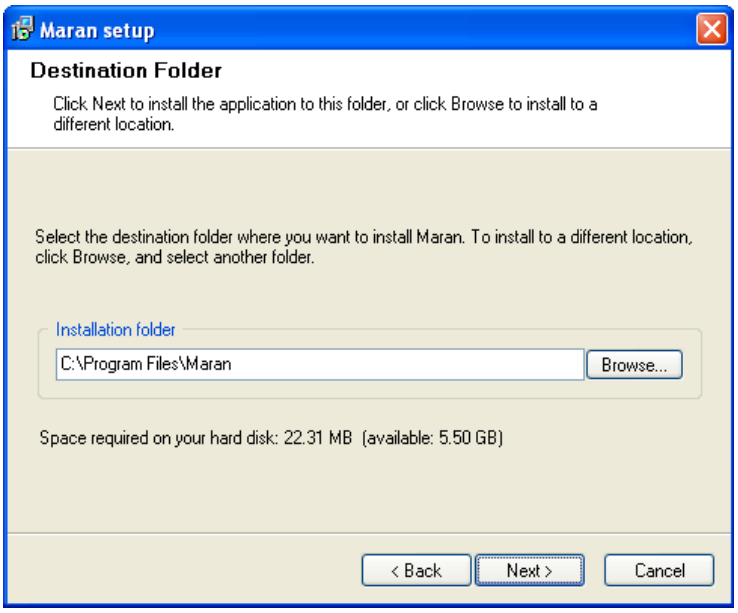
1.3 Installation

To start the installation process, locate the MaranSetup.exe installation file that was provided to you when you availed this product. Double click on it to execute it.

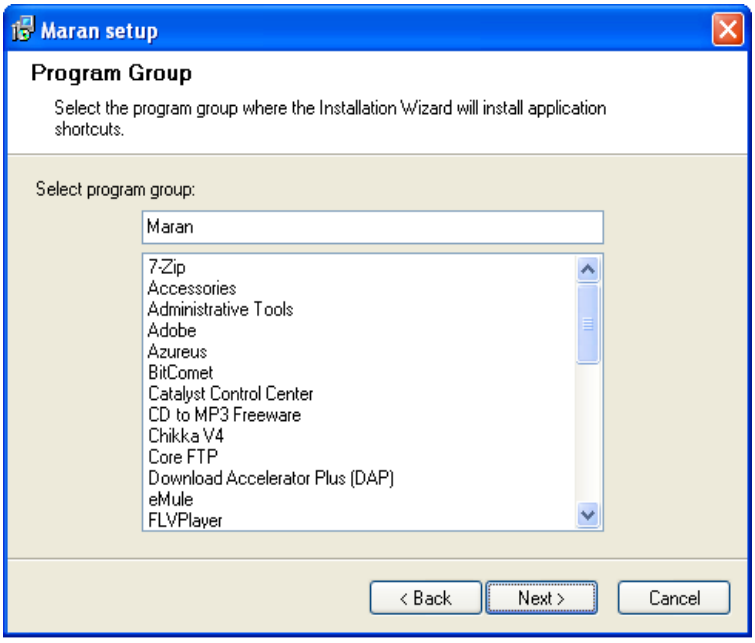
You would first be made to select the language setting that you want Maran to run in to. Select the particular language that you want the program to use and click on the Next button. For this manual, we would be using the default English version:



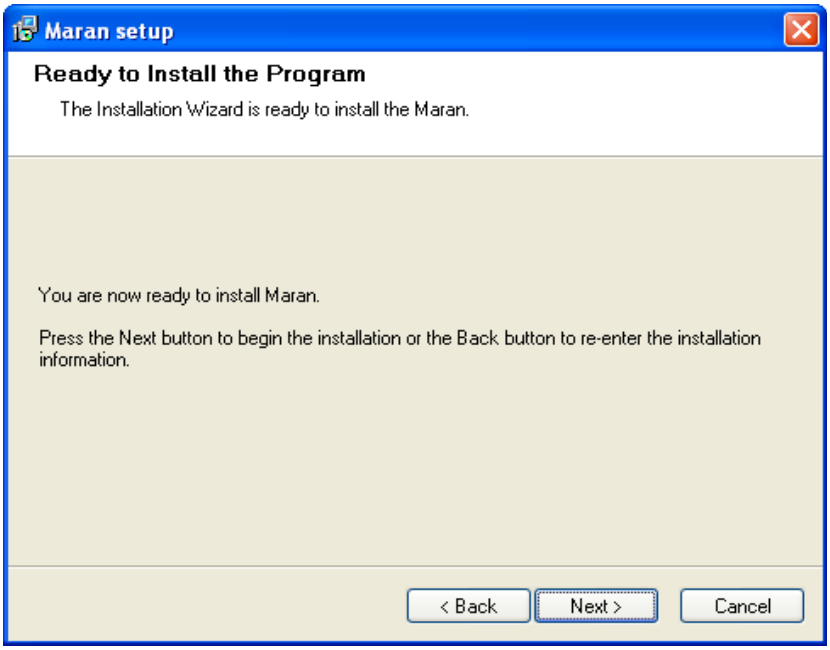
You would then be asked about the path of the folder where the resource files that the application would use would be copied. It is recommended that you use the default values provided by the installer. Click on **Next** when done:


Maran setup
Destination Folder
Click Next to install the application to this folder, or click Browse to install to a different location.
Select the destination folder where you want to install Maran. To install to a different location, click Browse, and select another folder.
Installation folder
C:\Program Files\Maran
Browse...
Space required on your hard disk: 22.31 MB (available: 5.50 GB)
< Back
Next >
Cancel

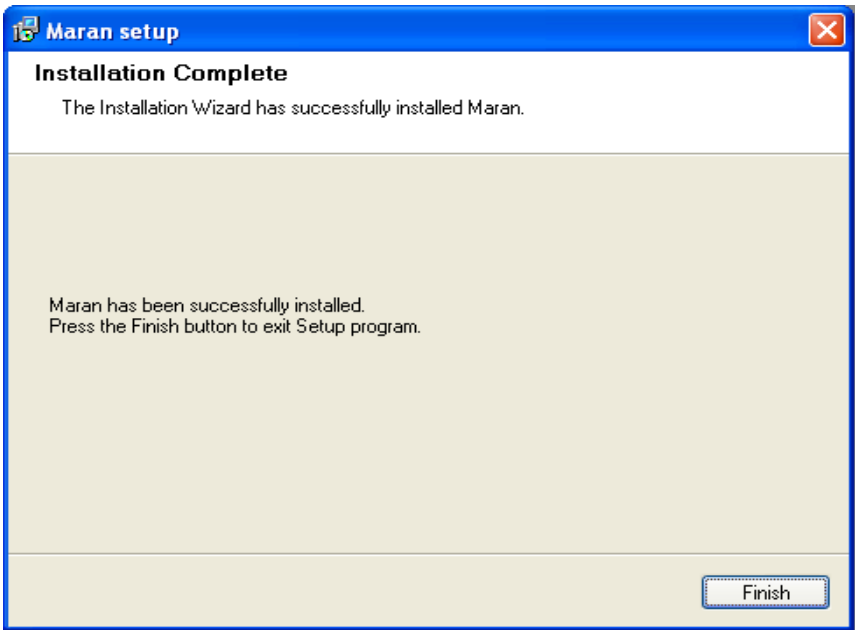
After this, you would be asked by the installer regarding the Project Group where the application would be sub-sectioned. Unless you have logical reason on changing it, it is recommended that you keep the default value.



You are now ready to install the program. If you are sure about the setup configuration that you set, initiate the actual installation procedure by clicking on the **Next** button.


Maran setup
Ready to Install the Program
The Installation Wizard is ready to install the Maran.
You are now ready to install Maran.
Press the Next button to begin the installation or the Back button to re-enter the installation information.
< Back
Next >
Cancel

Congratulations! You have successfully installed Maran on your machine.


Maran setup
Installation Complete
The Installation Wizard has successfully installed Maran.
Maran has been successfully installed.
Press the Finish button to exit Setup program.
Finish

2 First Step on Using Maran

2.1 Starting Up With Maran

There are two ways on how you could run the application. The first one is by double clicking on the desktop shortcut icon of Maran:

Or, by selecting the application shortcut using the Windows Start Menu bar:

2.2 Logging In

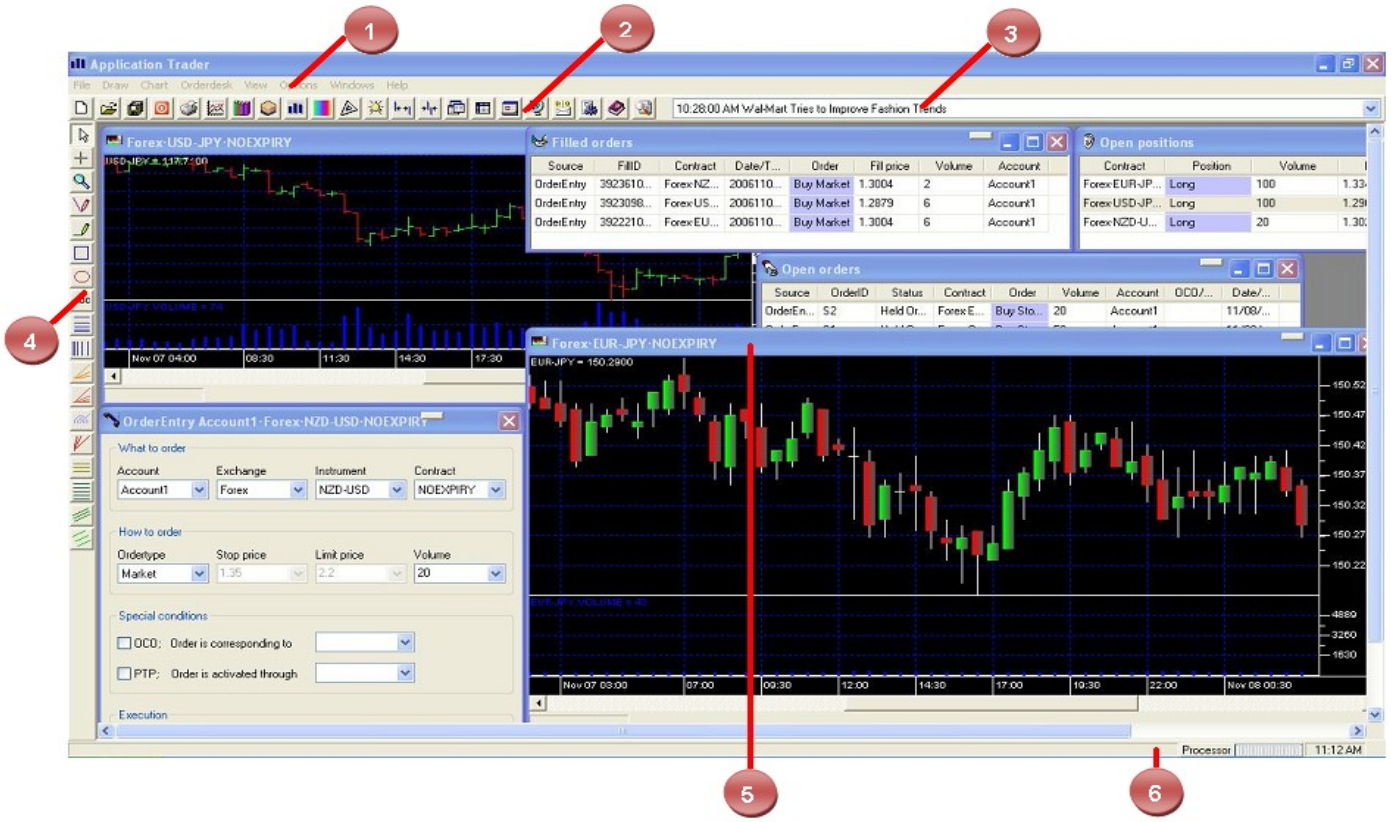
You need to login into your personal account before you could use Maran. Note that you need to provide your login details every time you start the program. If you don't want to input your *username* and *password* every time you start the system, you could opt to have the application remember your login details by marking the **Remember user data** option**.**

You could make Maran run on a simulation mode by turning the **Simulation mode** option on. With this enabled, all the orders and quotes that you would be making while using the system would not be committed to the Exchange's Servers giving you a chance to try various actions and see their results first before you do actual trading.

You could change your password by clicking on the **Change** button beside the password textbox and entering your new password on the pop-up dialog box.

2.3 Maran's Work Environment

Below is a snapshot of an online Maran app with labels on the application's major environment sections:



1 Application's Main Menu

2 Main Toolbar

3 News Ticker Area

4 Drawing Toolbar

5 Application's Workspace

6 Status Bar

3 The Basics of Maran

Maran provides an extensive and highly powerful online and real-time trading platform. It includes a wide selection of different chart types giving you the flexibility that you need on displaying trading status and current market conditions on your workspace. It is also capable of collecting and charting real-time data from nearly all commercial data feeds.

The software supports trading indicators which could aid you a lot on your trading analysis process. It also includes a pattern station: a powerful tool that gives you the opportunity to scan your trading charts for lucrative patterns and formations. Maran also features a unique, programmable **Trading System**. With its own built-in language, the system allows you to greatly customize and fully harness the power of *Trading Systems* which could make your market trading easier, faster, and more productive and profitable.

Maran is made up of three main areas which are discussed in detail in the rest of this user manual

- **The Chart System**
    - Display market quotes retrieve from various Exchange Servers.
    - Display indicators on your charts.
    - Display Trading systems on your charts.
    - Presents a more trader friendly interface where you could closely monitor the performance of various trading markets.

- **The Order System**
    - Displays the quotes and orders that you have transacted over the system.
    - Allows you to supervise your active contracts and positions.
    - Permits you to manually trade contracts over Maran's trading system.

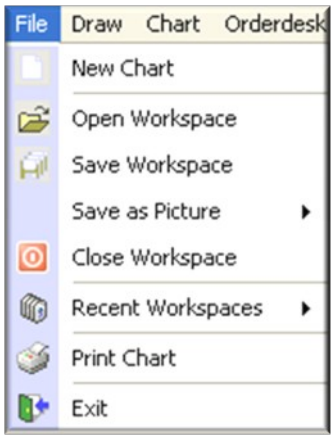
- **The Trading System**
    - Enables you to generate and configure trading rules for your charts.

Listed below are some of the extensive features of Maran:

- Developer's platform for trading systems and indicators
- Over 15 different chart types
- Up to 20 chart windows at a time
- Daily and Intraday-Charts
- Real time connection with Exchange servers/clients
- Alarm and automatic email notification when orders are triggered at pre-selected levels
- Pattern stations: Systematic search for reoccurring chart formations and patterns

4 Menu Functions

4.1 File



4.1.1 New Chart

This function would create a new Forex or Index data chart for a particular Forex or Stock market. Chart would source data either from a data feed which is connected directly to a supported data vendor or via the Dynamic Data Exchange (DDE) interface to a data provider that supports DDE.

4.1.2 Open Workspace

Opens an existing workspace saved on your local hard disk.

4.1.3 Save Workspace

Allow you to save your current workspace on your local hard disk for future viewing.

4.1.4 Save as Picture

Permit you to take a screenshot of your entire Maran working environment. Save as Picture function allows you to save the screenshot on two methods namely:

1 Save picture on clipboard; and

2 Save Picture as an image file.

4.1.5 Close Workspace

Close your active workspace and release used system resources.

4.1.6 Recent Workspaces

Display a list of recently opened workspaces.

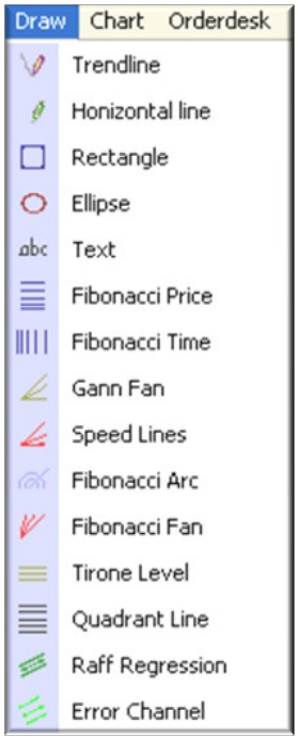
4.1.7 Print Chart

Print an active, selected chart as you can view it on your screen. Use the *copies* setting on your printer's print dialog window to set the number on copies application would print out.

4.1.8 Exit

Terminate your running Maran application. Maran would ask you if you want to save your workspace in case of unsaved workspace prior to program termination.

4.2 Draw



4.2.1 Trendline

You can draw trend lines on charts and indicators using this function.

4.2.2 Horizontal Line

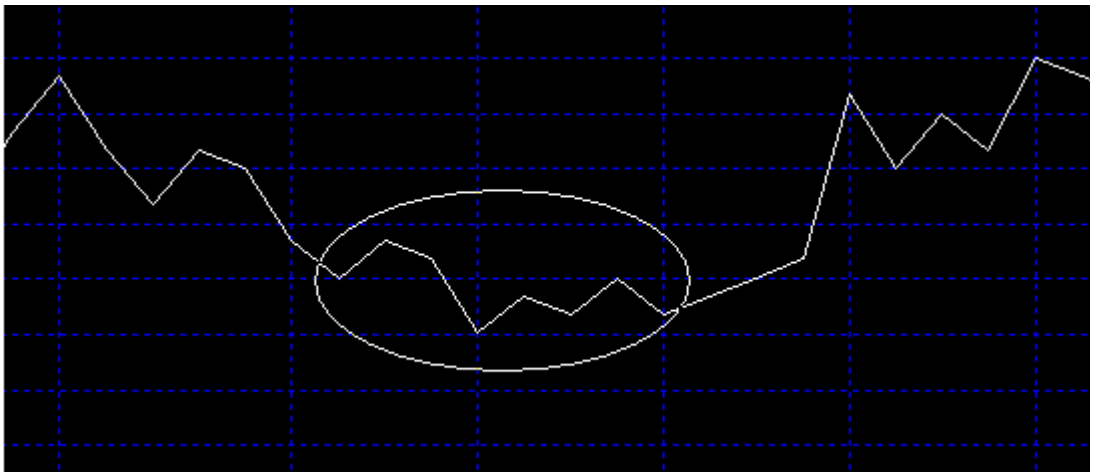
You can draw horizontal lines i.e. for trading Limits on the chart using this function.

4.2.3 Rectangle

This function enables you to draw a rectangle shape on your charts and indicators.

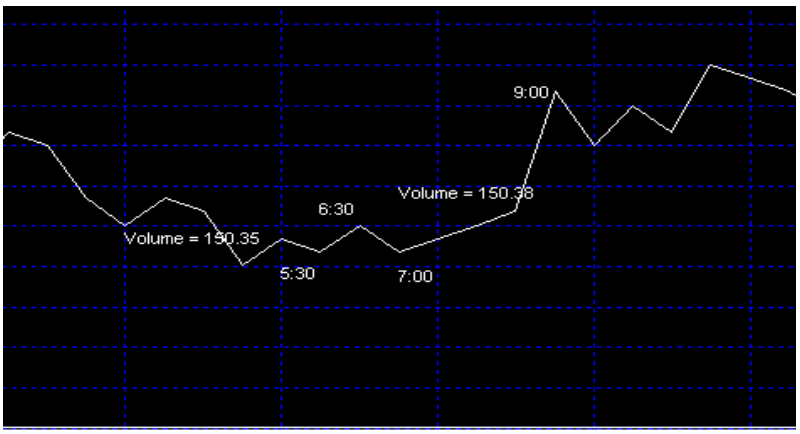
4.2.4 Ellipse

This function allows you to draw an ellipse on your charts and indicators.



4.2.5 Text

This function allows you to put text on any location on your charts and indicators.



4.2.6 Fibonacci Price

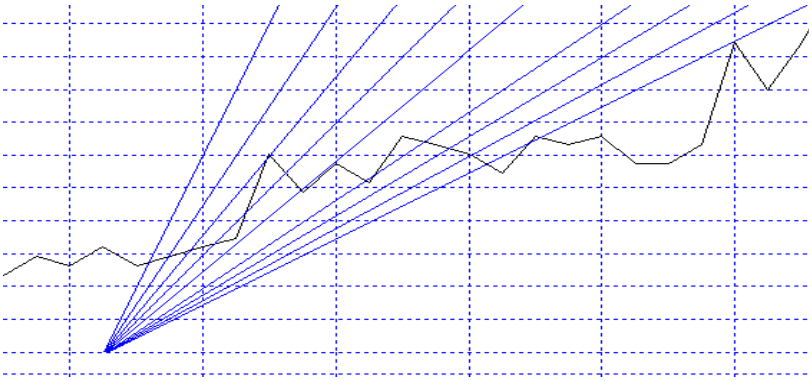
You can draw Fibonacci price lines on a chart using this function. Fibonacci price lines are scaled with percent values to aid you when you're already evaluating Fibonacci price lines drawn on a chart.

4.2.7 Fibonacci Time

This selection allows you to add Fibonnaci time lines on your charts.

4.2.8 Gann Fan

This selection allows you to add Gann fan lines on your charts.

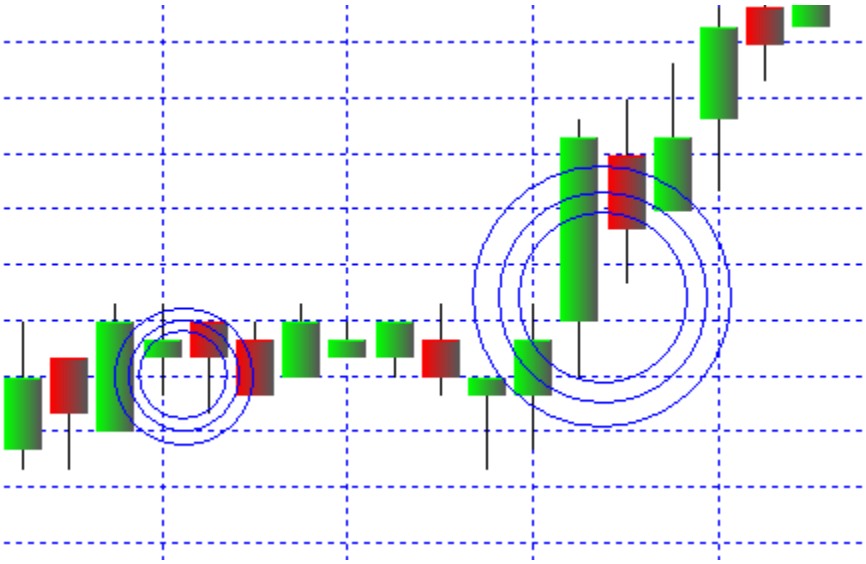


4.2.9 Speed Lines

This selection allows you to add Speed lines to your charts.

4.2.10 Fibonacci Arc

This selection allows you to add Fibonacci arcs on your charts.



4.2.11Tirone Level

This function allows you to draw Tirone level grids on your charts.

4.2.12 Quadrant Line

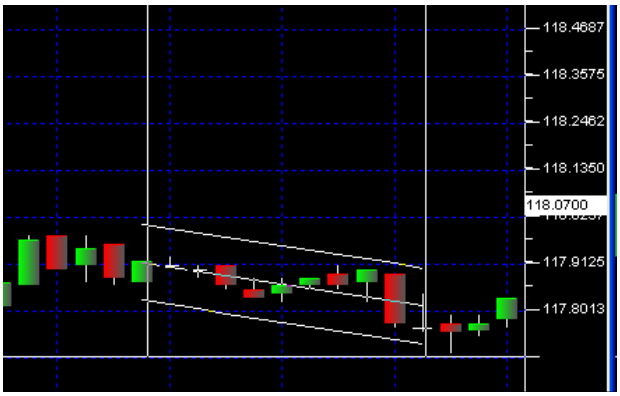
This tool allows you to add quadrant lines on your charts.

4.2.13 Raff Regression

This selection allows you to add Raff regression grids on your charts.

4.2.14 Error Channel

This feature allows you to define error channels on your charts.


118.4687
118.3575
118.2462
118.1350
118.0700
117.9125
117.8013

4.3 Chart

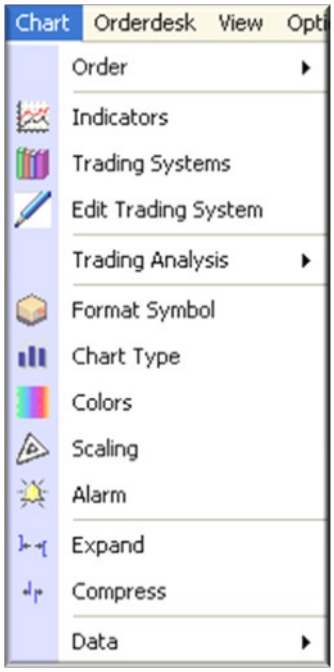
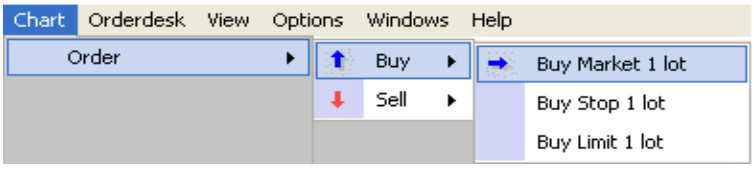


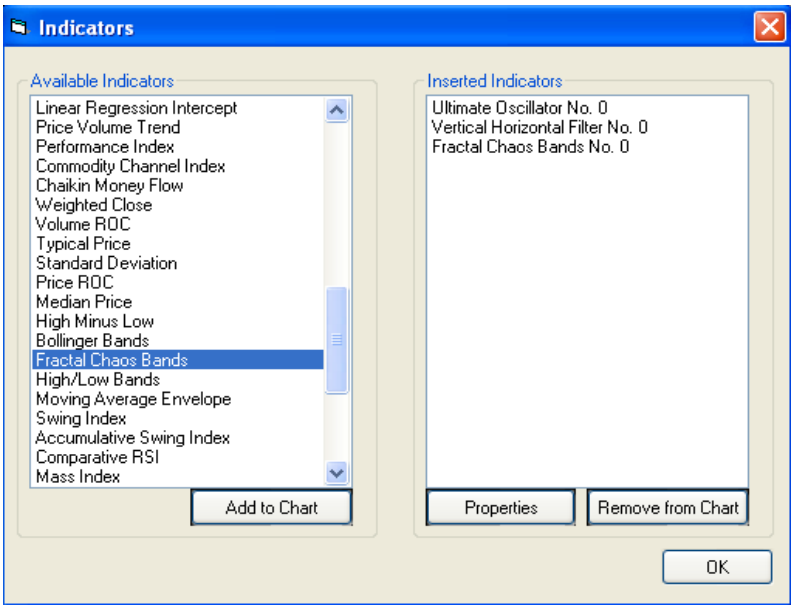
Chart
Orderdesk
View
Opti
Order
Indicators
Trading Systems
Edit Trading System
Trading Analysis
Format Symbol
Chart Type
Colors
Scaling
Alarm
Expand
Compress
Data

4.3.1 Order



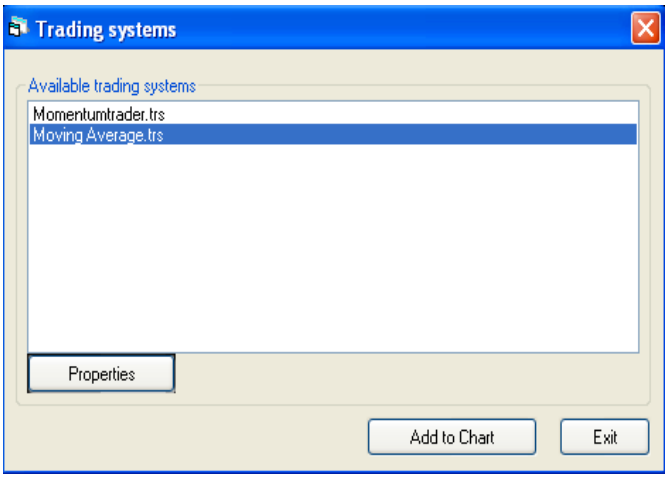
This selection allows you to place quick orders from your charts. To use this feature, select the Forex/Index chart where you want to place your order and select the transaction that you want to execute (**Buy** or **Sell**). The Chart Order functionality allows you to Buy or Sell in terms of *Market 1 lot, Stop 1 lot, and Limit 1 lot*.

4.3.2 Indicators



This feature allows you to add and remove indicators on your charts. To add an indicator, select an indicator type from the list of **Available Indicators** and click on the **Add to Chart** button. All indicator/s that would be present on your graph are enumerated on the **Inserted Indicators** list box. If you want to remove an indicator from your chart, simply select the indicator that you want to remove and click on **Remove from Chart** button. The Properties button allows you to set display settings of your indicator/s.

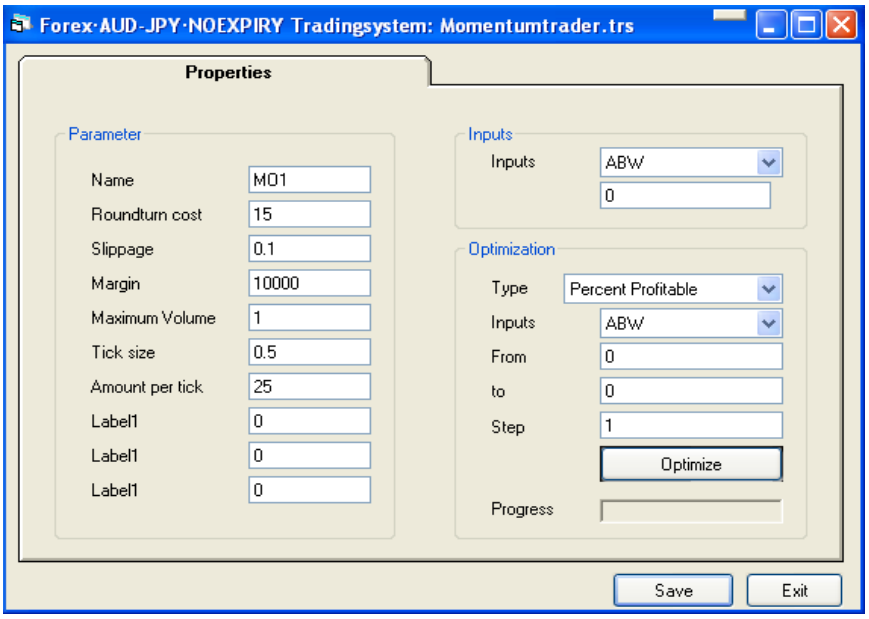
4.3.3 Trading System



This selection allows you to set the Trading system that you would use on your graphs. There are two trading systems loaded with Maran on default namely *Momentumtrader* and *Moving Average*.

To load a trading system on your chart, simply select the trading system that you want to use by highlighting it and clicking on the **Add to Chart** button. You could also view a trading system's property by highlighting a trading system label from the list and clicking the **Properties** button.

4.3.4 Edit Trading Systems

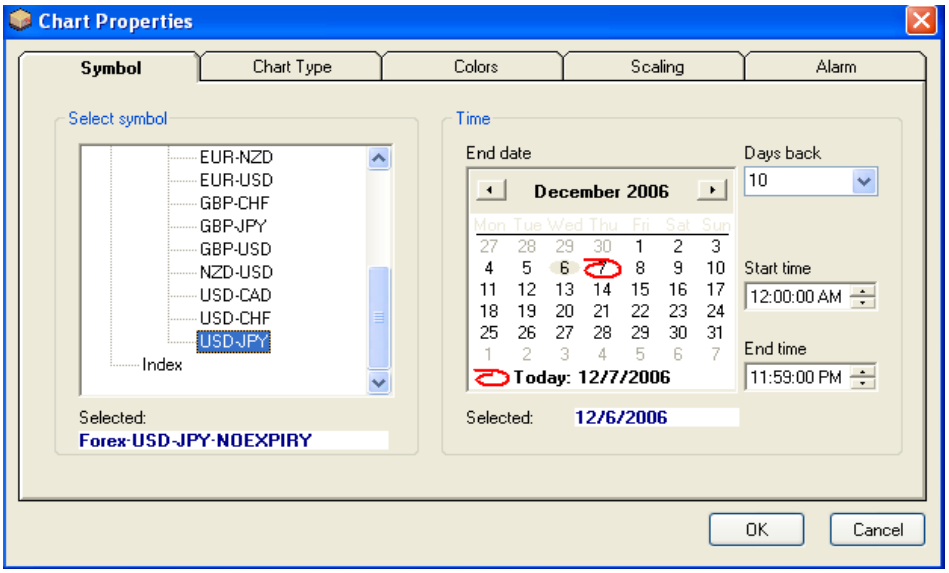


This feature allows you to change the properties of a trading system that you are implementing on a particular graph/chart. Selecting it would activate the Edit Trading System window where you could set trading system attributes' values. Note that you must select a chart with a loaded trading system before you could use this feature.

4.3.5 Trading Analysis

The trading analysis feature allows you generate and view trading summary with analysis.

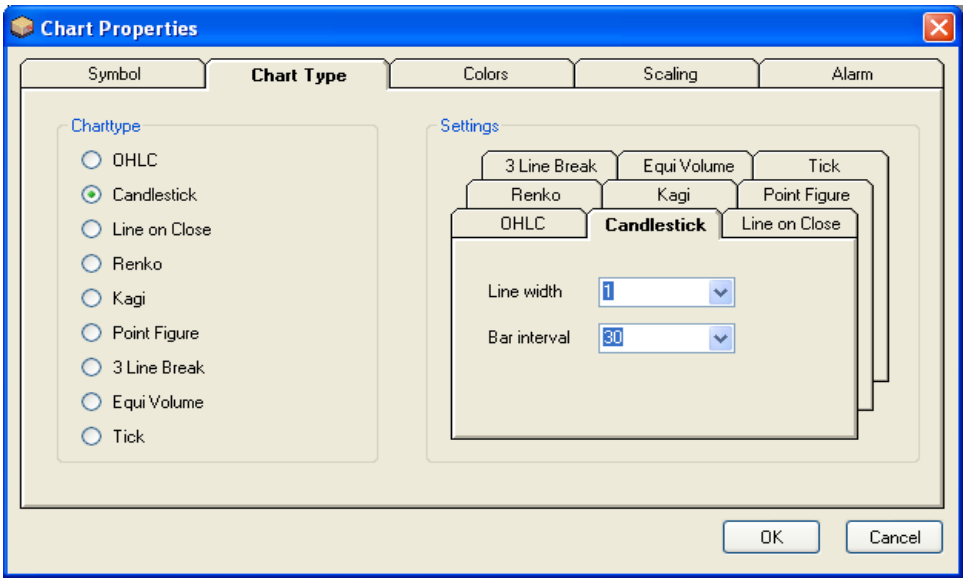
4.3.6 Format Symbol



The Format Symbol option allows you to change the contents of the actively selected chart. Changes could range from Forex chart properties like span of days to be reflected on the chart up to changing the actual Forex currency trading being displayed on the chart.

Please refer to section 5 for more information regarding Format Symbol.

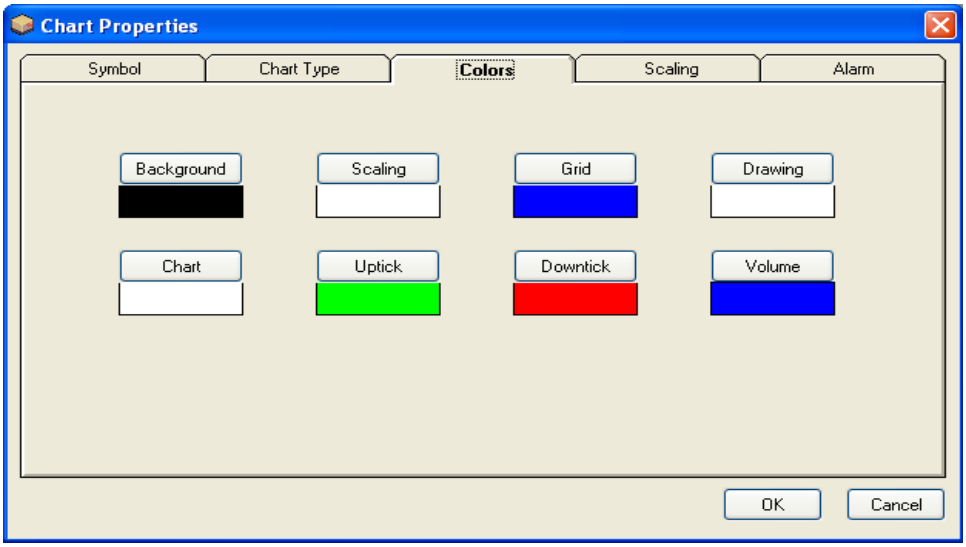
4.3.7 Chart Type



The Chart Type menu selection would activate the Chart Properties dialog box with the Chart Type tab opened. This feature would allow you to select the chart pattern that you want to use on your charts from the various chart types defined by Maran application.

Please refer to Section 5 for more information regarding Chart Type.

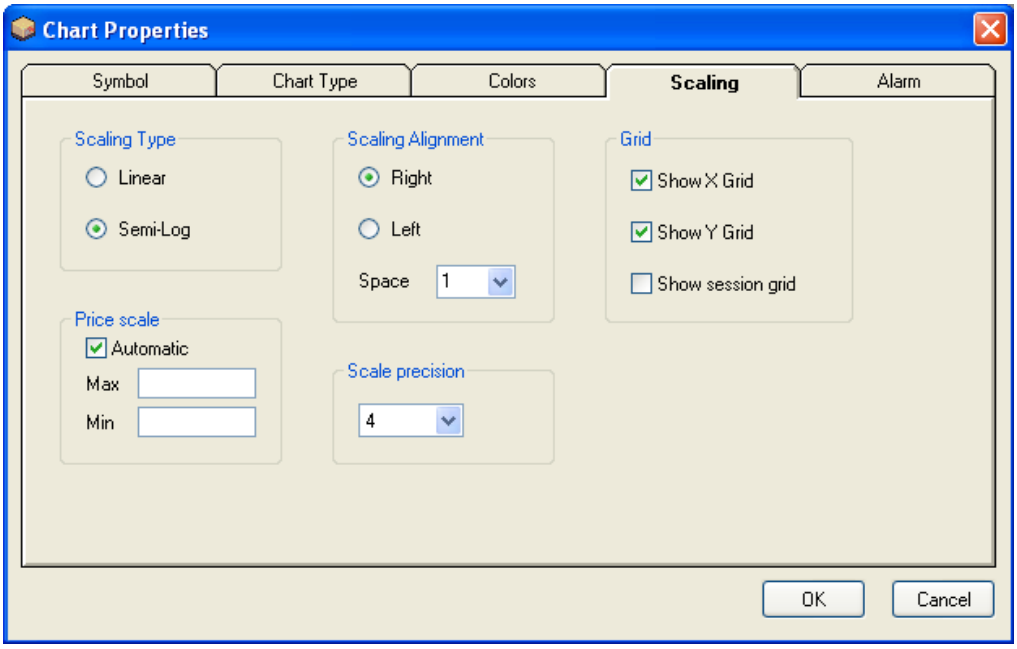
4.3.8 Colors



The Colors menu selection would activate the Chart Properties dialog box with the **Colors** tab opened. This feature would allow you to set the color of the various chart elements present your charts.

Please refer to Section 5 for more information regarding Colors.

4.3.9 Scaling



The Scaling menu selection would activate the Chart Properties dialog box with the **Scaling** tab opened. This feature would allow you to set a chart's scaling alignments and grid positioning properties.

Please refer to Section 5 for more information regarding Scaling.

4.3.10 Alarm

The Alarm menu selection would activate the Chart Properties dialog box with the **Alarm** tab opened. This feature would allow you to edit the various application alarms that would notify you when application-defined events happens or is executed.

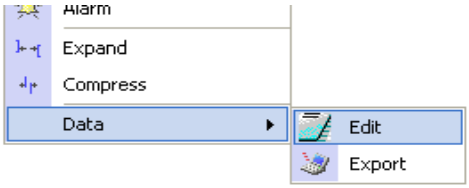
4.3.11 Expand

This functionality allows you to increase the size of the diagram entities on your chart thus making them appear bigger on your workspace. Note that when you expand your diagrams, the time period that can be covered by your charts decreases thus lessening the amount of data that you can view on the chart at one given time.

4.3.12 Compress

This functionality allows you to decrease the size of the diagram entities on your charts thus making them appear smaller on your workspace. When you decrease your diagrams, the time period that can be accommodated on your charts increases thus increasing the amount of data that you can view on the chart at one given time.

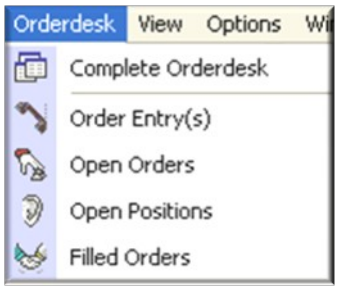
4.3.13 Data



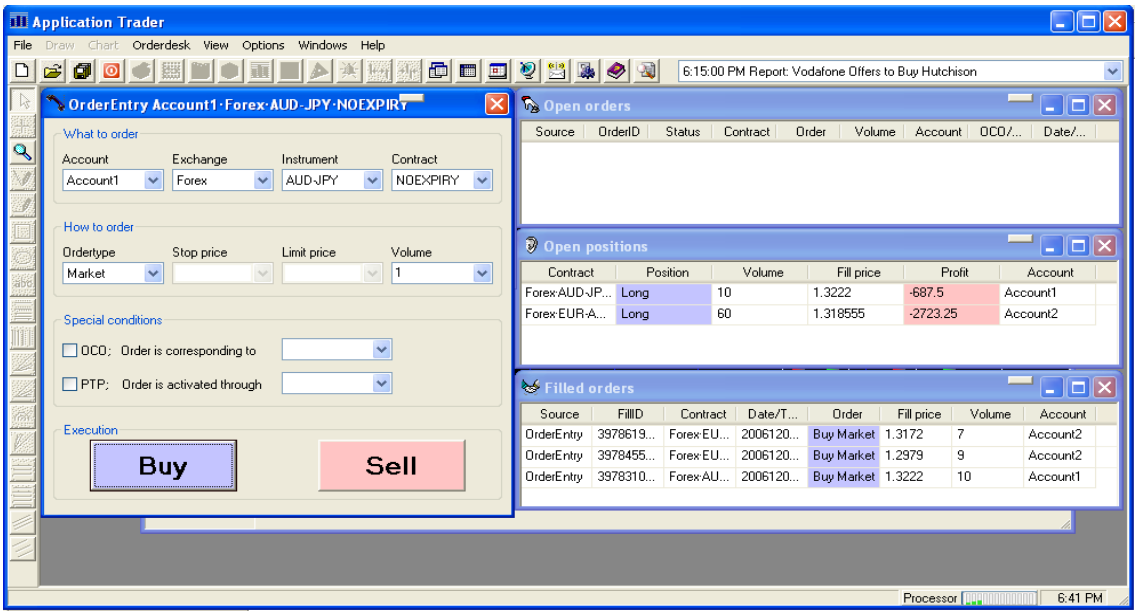
This selection allows you to **Edit** and **Export** chart data. Chart data are sent by the Maran servers to Maran client applications on a textual format. This information is then parsed and analyzed by the program and converted into graphical/chart form.

You could manually **edit** the contents of your charts by using the Edit feature under Data submenu item. Selecting this functionality would open the data content of the chart that you selected to edit on your default text file viewer. You could also choose to export or save chart data on your local hard drive for future use or archiving purposes. Choosing the **Export** menu selection would open a Save As prompt dialog window allowing you to save a chart data on your local hard disk on ASCII (plain text) format.

4.4 Orderdesk

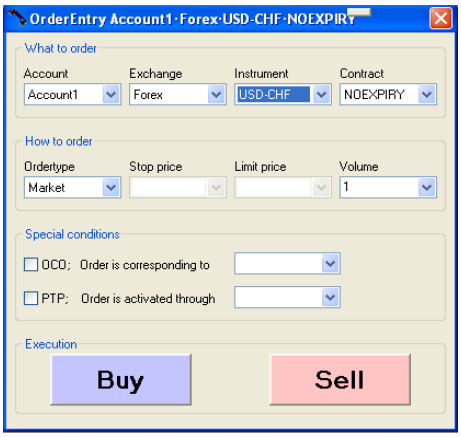


4.4.1 Complete Orderdesk



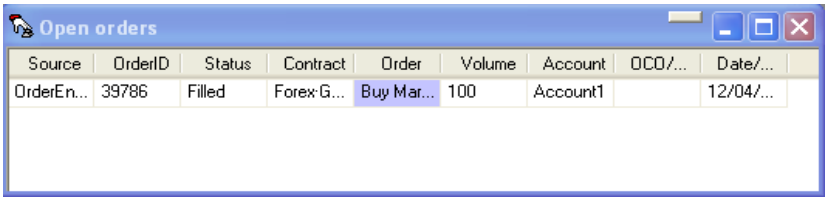
This menu selection displays all order related trading tasks windows namely the Order Entry, Open orders, Open positions, and Filled orders.

4.4.2 Order Entry(s)



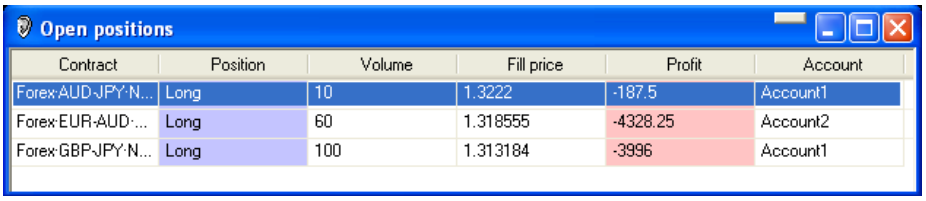
This menu selection displays the **Order Entry** window which allows you to place **Buy** and **Sell** orders on the Maran's trading servers.

4.4.3 Open Orders



This menu selection displays the **Open orders** window which contains a list of all orders placed but not yet executed on Maran's trading servers.

4.4.4 Open Positions

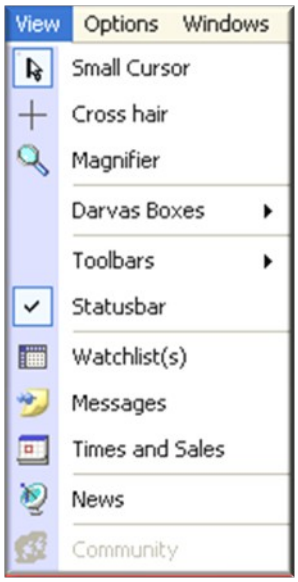


This menu selection displays the **Open positions** task window which shows all active positions you are currently holding.

4.4.5 Filled Orders

This menu selection displays the **Filled orders** task window which shows all orders (buy and sell) already executed on the Maran's trading server.

4.5 View



4.5.1 Small Cursor

This functionality allows you to shift your mouse pointer back from different type (like crosshair) into a small arrow cursor.

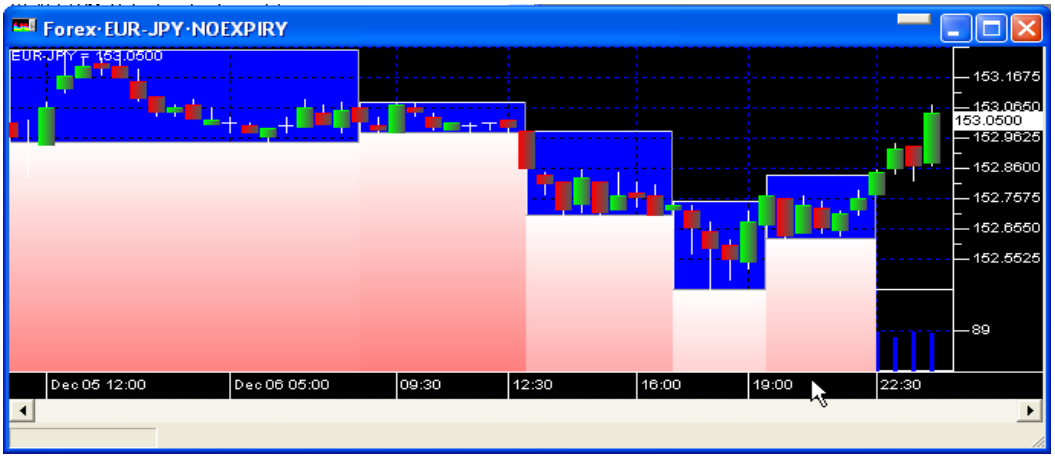
4.5.2 Cross Hair

This feature changes the mouse pointer from the regular arrow cursor into a cross hair view whenever it is scrolled over the chart area.

4.5.3 Magnifier

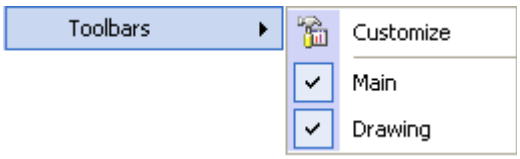
This feature changes your mouse cursor pointer from a regular arrow cursor into a magnifier lens like view. This tool dramatically increases any work chart's windows elements hovered over by magnifier thus allowing you to read and navigate over your work's elements easier.

4.5.4 Darvas Boxes

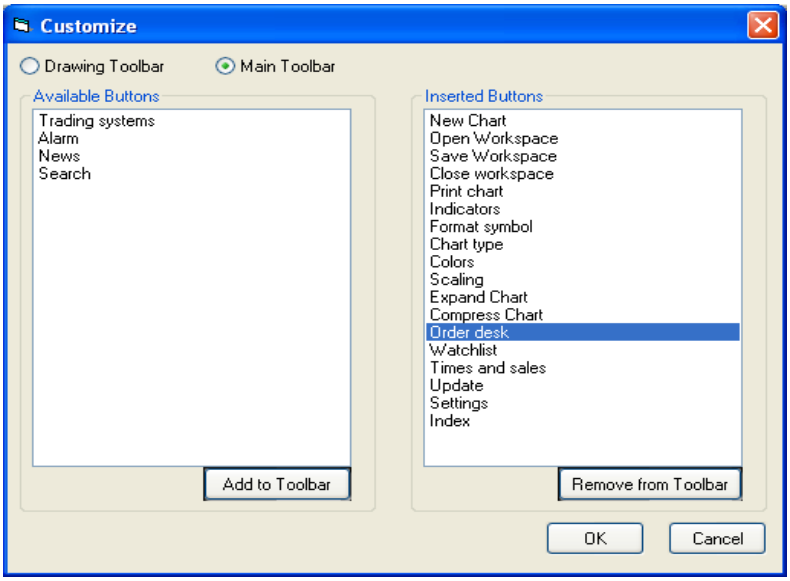


This feature adds darvas boxes on your application's charts

4.5.5 Toolbars



This feature allows you to edit the toolbars that would be visible on your Maran's trading environment. You could toggle the presence of **Main** and **Drawing** toolbars by selecting/deselecting the particular toolbar's submenu item. You could also **Customize** the toolbar items that you want to be present on your work environment.



To customize the toolbar buttons that you want to be present on your work environment, select first on whether the toolbar item is to be found under **Drawing** or **Main** Toolbar classification. The left side pane contains the list of all buttons that are available but not yet present on your application environment while the right side pane contains the list of all buttons that are already present on your application.

To insert an available button, select the button that you want to add and click on the **Add to Toolbar** command button. The pane entry for the button that you inserted would be removed from the Available buttons pane and added on the Inserted Buttons list.

Similarly, you could remove an inserted button by selecting the button that you want to remove and clicking on the **Remove from Toolbar** command button. The pane entry for the button that you removed would be eliminated from the Inserted Buttons pane and added on the Available buttons list.

4.5.6 Status Bar

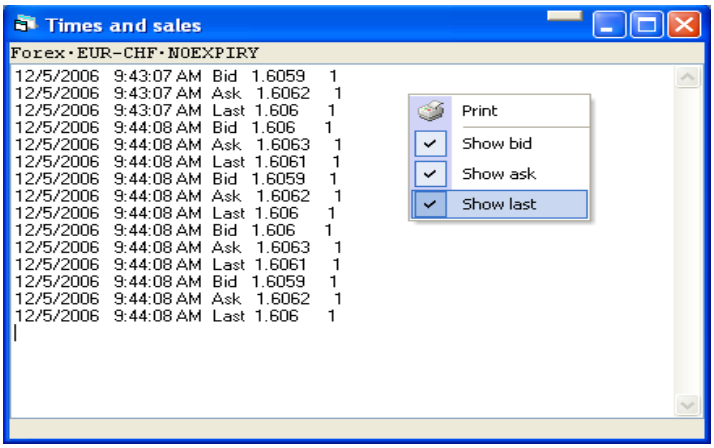
The *Status Bar* menu item could be toggle on and off in order to allow you to make the status bar, which contains the process meter and current time details, visible or not on Maran's workspace.

4.5.7 Watchlist(s)

This feature allows you to generate, maintain, and display a watchlist.

4.5.8 Messages

4.5.9 Times and Sales



This feature allows you to view real-time trading information particularly **Bid**, **Ask**, and **Last** quotes for a particular Forex system. To use Time and Sales window, select the chart of the Forex you want to use and choose **Times and Sales** menu entry under View. To make a bid, ask, or latest price quote detail/s appear, right click anywhere inside the Times and sales window and select the information that you want to display by clicking on it. You could also print the information displayed on the Time and Sales window for a particular Forex by selecting the Print command that appears when you right click inside the window.

4.5.10 News

This feature would display a list of latest business news headlines. Clicking on a news headline would activate your default browser and redirect it to the headline's web link.

4.5.11 Community

This feature when clicked would open your default browser and redirect you to Maran's online community portal.

4.6 Options

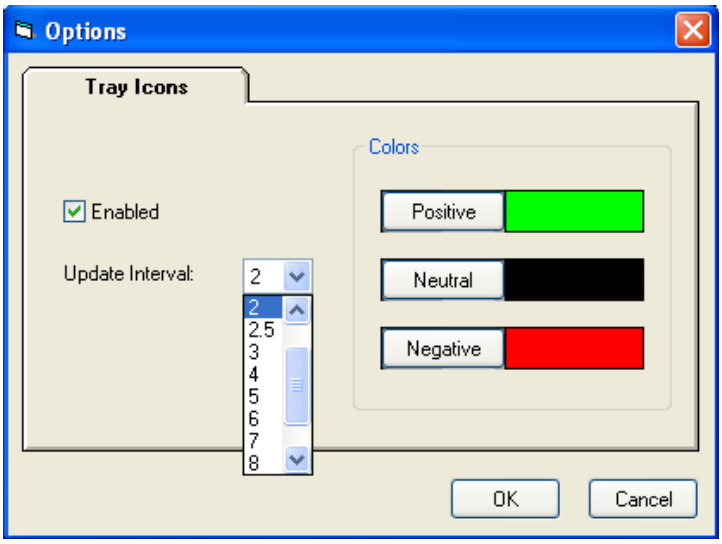
4.6.1 Update

This feature checks your install files and configuration settings against the Maran's server to determine if your install version is up to date. It also checks if there are necessary patch available on the server that you are recommended to install. It would prompt you for an update if it had determined that application updates are available.

4.6.2 Language

This feature allows you to localize the Maran system environment to your native language. Currently, Maran has Internationalization support three languages on default namely **English, Deutsch**, and **Romana**.

4.6.3 Settings

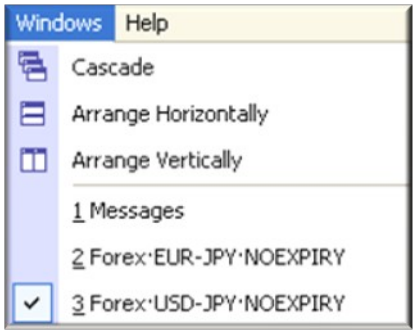


Choosing this selection would activate the Application dialog form. This feature enables you to change settings about the live forex price quote ticker that appears on the system tray of your desktop.

You can enable/disable this live price ticker by toggling on/off the tick on the **Enabled** checkbox. You could also set the **Update Interval** or the period of time that a particular Forex live price quote would display before it would shift to another Forex quote (i.e. if you have other Forex charts opened on your workspace). To change the Update Interval between price quotes, simply chose a value from the drop down list box placed next to the Update Interval label. Note that the time values found on the list are in the unit of seconds.

Lastly, you could also change the font color of the price quote ticker that appears on your system tray. There are 3 different status defined namely **Positive**, **Neutral**, and **Negative**. A *positive* condition occurs when a particular Forex price increased in value compared to its previous value the last time it was displayed on the system tray. On the other hand, a *negative* condition occurs when a particular Forex quote declined in value compared to its previous value the last time it was displayed on the system tray. Finally, a *neutral* condition happens when there is no Forex price movement vis-a-vis the last quote display and its present value.

4.7 Windows



4.7.1 Cascade

This selection allows you to position several chart, order, and other types of windows opened concurrently on a cascading manner with respect to each other's location on the workspace.

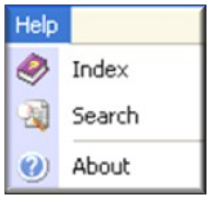
4.7.2 Arrange Horizontally

This selection allows you to position several chart, order, and other types of windows opened concurrently on a horizontal manner with respect to each other's location on the workspace.

4.7.3 Arrange Vertically

This selection allows you to position several chart, order, and other types of windows opened concurrently on a vertical manner with respect to each other's location on the workspace.

4.8 Help



4.8.1 Index

This selection opens the indexed help file documentation of the Maran software.

4.8.2 Search

This selection opens the search window of the indexed help file documentation of the Maran software allowing you to enter search strings corresponding to your help query thus resulting to a faster documentation lookup.

4.8.3 About

This selection opens the About dialog form where you could see the product details of Application Trading software such as your app's version number, details about spring techno which developed the system, among others.

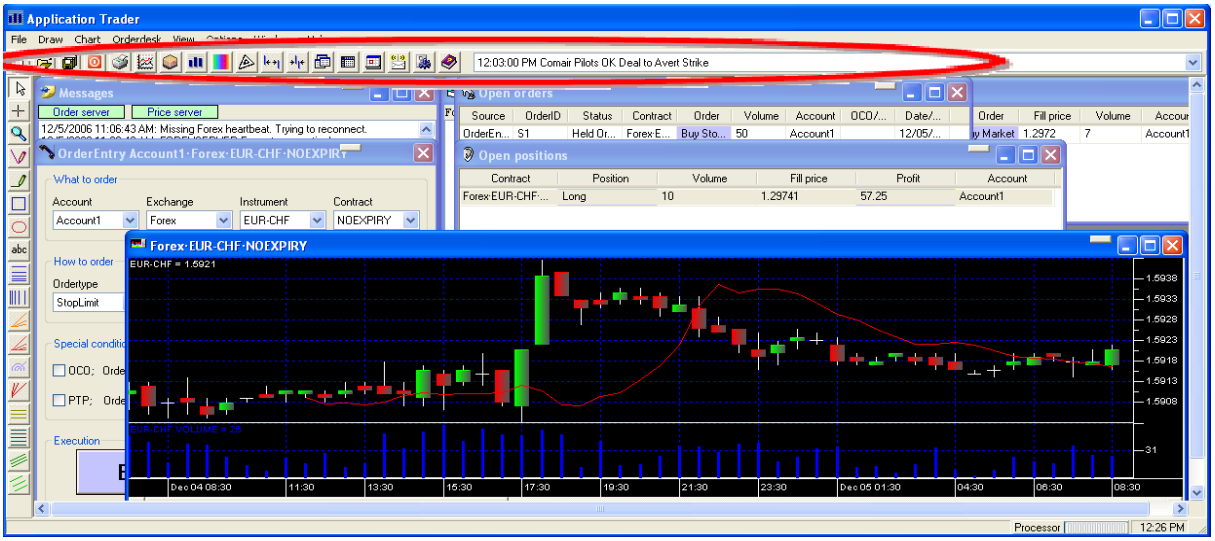
5 Toolbars

This section identifies the shortcut toolbar elements available on Maran's work environment.

5.1 Main Toolbar

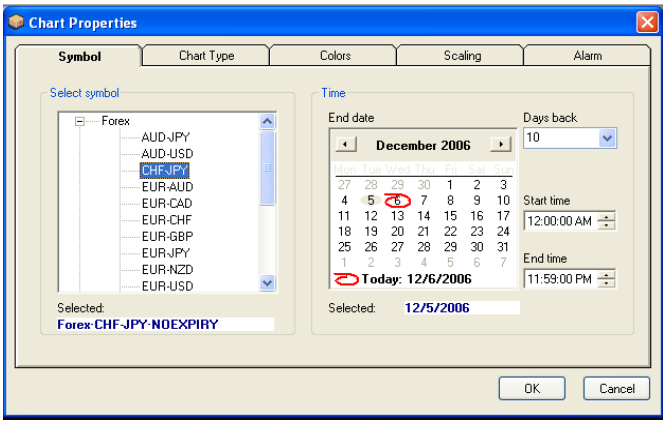
The Main Toolbar, when activated, is located on the upper portion of the application's window. It is found between the Menu bar and Maran's workspace.

The Main Toolbar contains shortcut buttons for commonly-used trading related tasks.



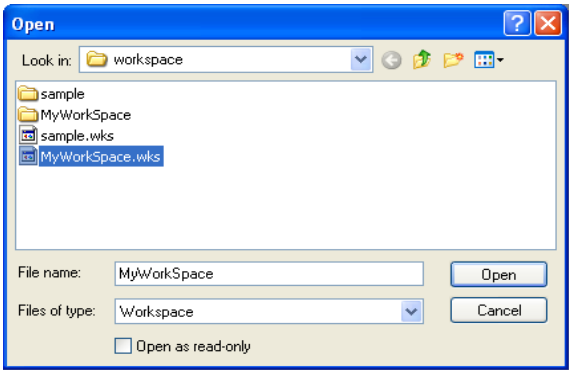
5.1.1 New Chart

This button opens the **Chart Properties** dialog window which allows you to create and set the content of a new chart.



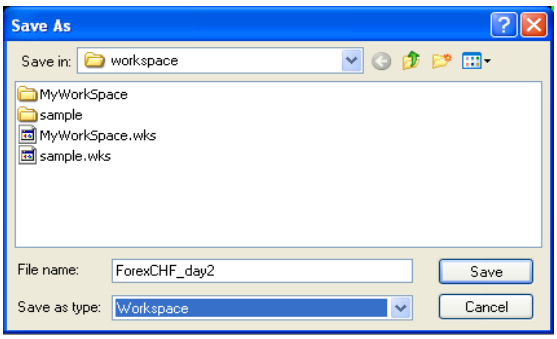
5.1.2 Open Workspace

This button launch the **Open** Workspace dialog window where you could open previously saved workspace/s. Workspaces use the *.wks file extension when being saved on a hard disk.



5.1.3 Save Workspace

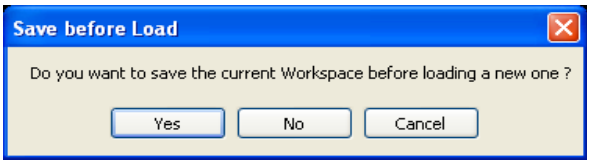
This button launches the **Save As** dialog window where you could save your current workspace. The state of your currently opened charts would be recorded on your selected storage media allowing you to access them at the same condition on a later time. Saved workspaces use the *.wks file extension.



5.1.4 Close Workspace

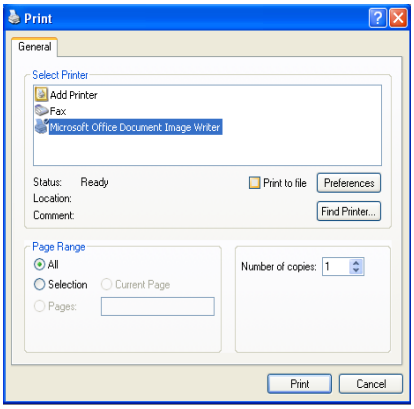
This button closes the active workspace including all the charts, order desks, and other currently open task windows.

When closing a workspace, Maran would ask you first if you want to save the active workspace prior to closing. Select **Yes** if you want to save workspace first before closing and **No** if you don't want to save current workspace. Select **Cancel** if you want to discontinue closing of active workspace.



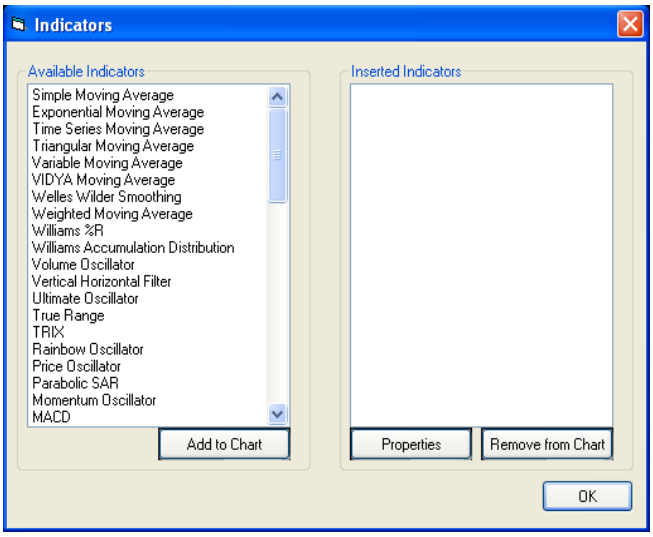
5.1.5 Print Chart

This button launches the **Print** dialog window where you can print the contents of your selected charts.



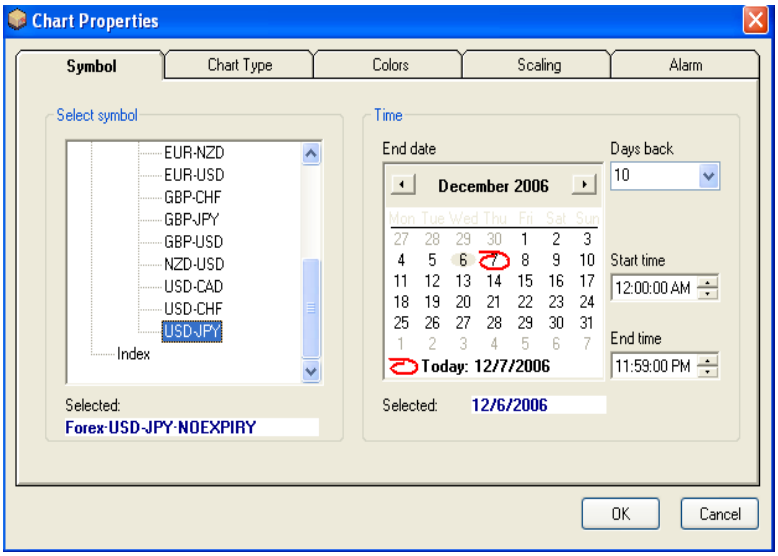
5.1.6 Indicators

This button launches the **Indicators** dialog window where you can set various predefined trading indicators that you want to embed on your selected chart. Please refer to Section 4.3.2 of this manual for more information regarding Indicators.



5.1.7 Format Symbols

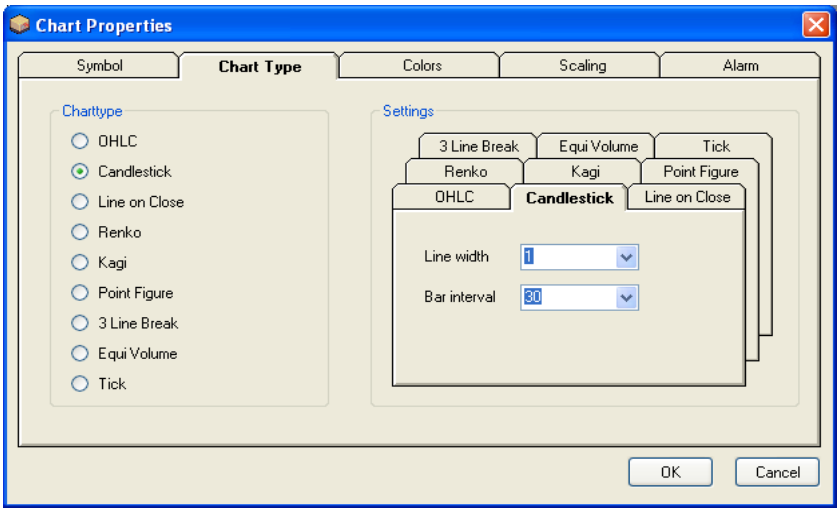
This button launches the **Chart Properties** dialog window with the **Symbol** tab active. This allows you to change the content of the currently selected chart including Forex trading system to display among others. Please refer to Section 6 of this manual for more information about Format Symbols.



5.1.8 Chart Type

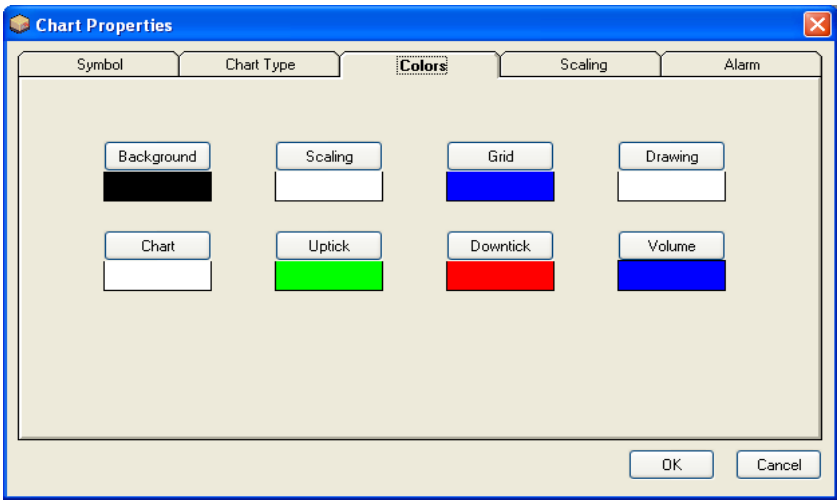
This button launches the **Chart Properties** dialog window with the **Chart Type** tab active. This function allows you to manage the chart type and settings attributes

which will be used on displaying your trading charts. Please refer to Section 6 for more details regarding Chart Type.



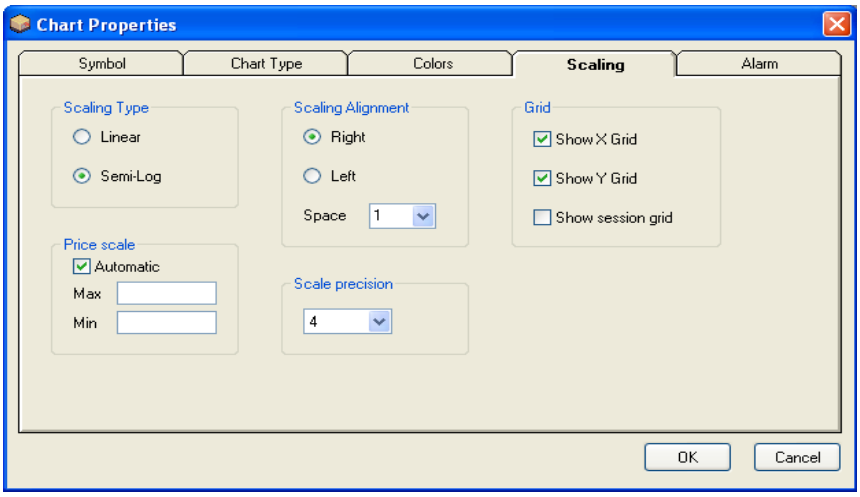
5.1.9 Colors

This button launches the **Chart Properties** dialog window with the **Colors** tab active. This function allows you to manage your chart's display colors. Please refer to Chapter 6 of this manual for more information regarding Color settings.



5.1.10 Scaling

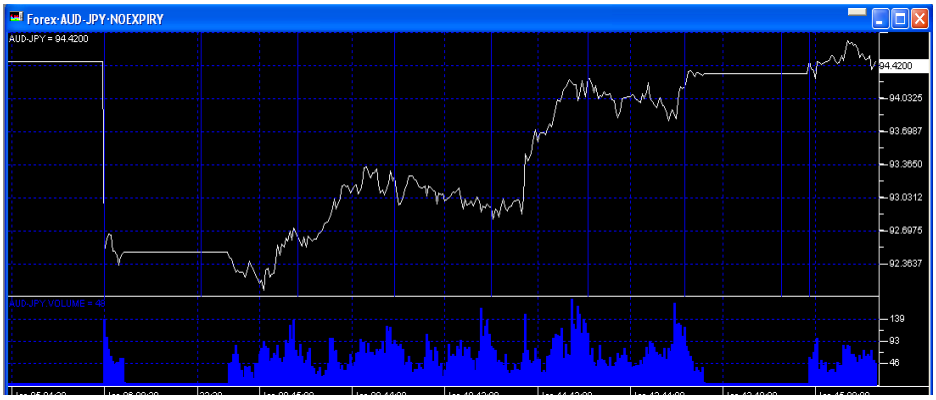
This button launches the **Chart Properties** dialog window with the **Scaling** tab active. This tool allows you to set up and manage the appearance of your charts with respect to your chart windows' coordinates. It permits you to specify your graph's scaling type, scaling alignment, grid labels, price scale, and precision of graph information. Please refer to Chapter 6 of this manual for more information regarding Scaling settings.



5.1.11 Expand Chart

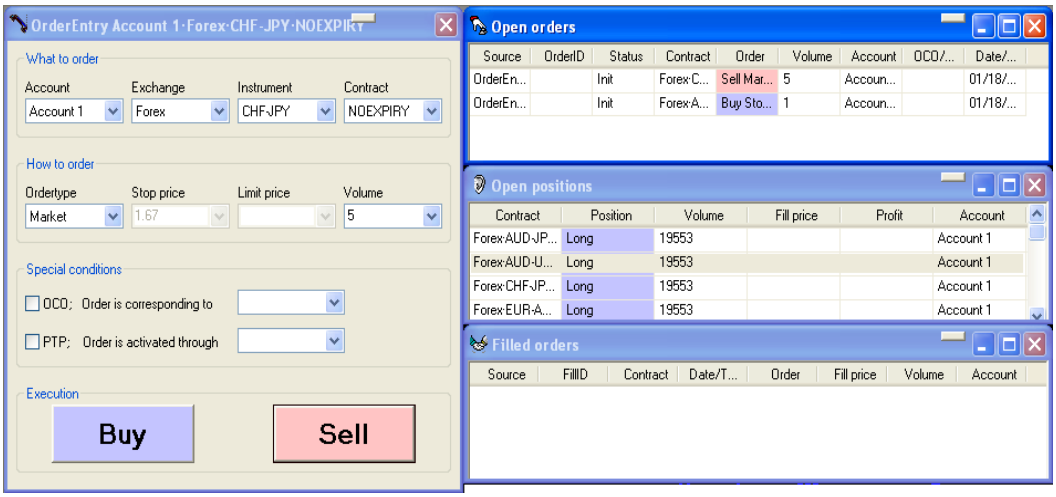
This shortcut button provides a quick tool to allow you to decrease the time period covered by your chart/s. This would result to bigger graph elements and thus, a more detailed view of your charts. You could use this use this tool if you want to zoom in your charts.

5.1.12 Compress Chart



This shortcut button provides a quick tool to allow you to increase the time period covered by your chart/s. This would result to smaller graph elements and thus, a less detailed view of your chart/s. However, a compressed chart could help you on analyzing a more general market trend by giving you a 'birds eye' overview of the health of trading activity over a longer period of time.

5.1.13 Order Desk



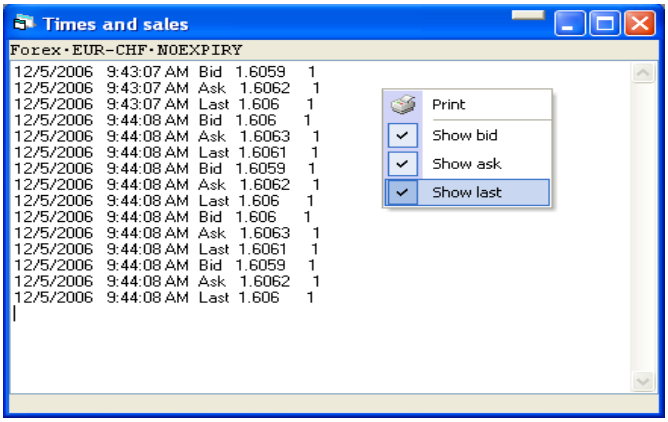
This shortcut button displays the 4 major windows that you need on trading namely the Order Entry Account, Open Orders, Open Positions, and Filled Orders. Please refer to chapter X of this manual for more details regarding Order desk.

5.1.14 Watchlist

This toolbar button provides a shortcut tool on launching the Watchlist window. Please refer to Section 4.5.7 for more information regarding the Watchlist feature.

5.1.15 Times and Sales

This toolbar button provides a quick tool on launching the Times and Sales window. Please refer to Section 5.4.9 for more explanation regarding Time and sales feature.

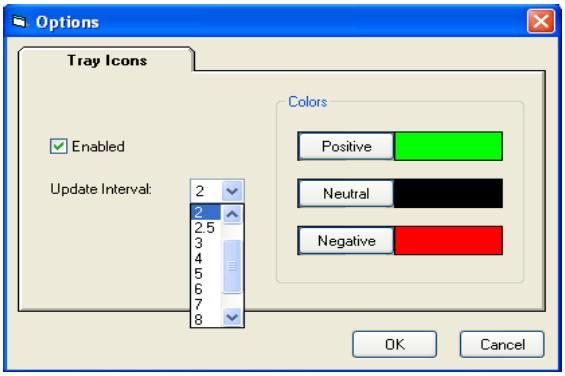


5.1.16 Update

This toolbar button provides a quick tool on launching Maran's system update feature. Service would look if new application upgrade or update files is/are available on Maran's server and would download and install necessary system updates.

5.1.17 Settings

This toolbar button provides a quick tool on launching the Options window which allows you to customize the various properties of Maran's system tray bar entry. Please refer to Section 4.6.3 for a more detailed discussion of the Settings functionality.



5.1.18 Index

This toolbar button provides a shortcut tool on displaying Maran's Help File Index.

5.1.19 News

This toolbar provides a real time news ticker that regularly updates its content whenever new News entries are available from a data feed which is connected directly to a supported data

vendor or via the Dynamic Data Exchange (DDE) interface to a data provider that supports DDE.

5.2 Drawing Toolbar

The Drawing Toolbar, when activated, is located left side portion of the application's window. It contains shortcut buttons for commonly-used chart related tasks. Because of the nature of its purpose, Drawing Toolbar shortcut buttons are disabled when a chart is not the currently active window in the workspace area. To activate Drawing toolbar buttons, simply select on an opened chart window.

5.2.1 Mousepointer

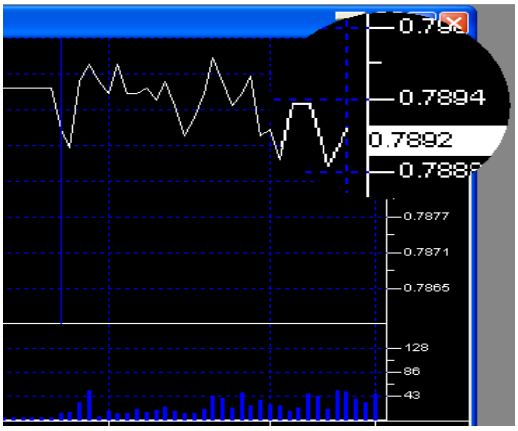
Moving from one cursor type to another when you're working on Maran's workspace would cause your mouse cursor to acquire various types of pointers which could sometimes result to accidental addition of a chart drawing. Clicking on the mouse pointer button would set your cursor type to its default arrow type pointer.

5.2.2 Crosshair

With the Maran charts' nature of having small labels and closely set values on the X and Y axis, accurately pinpointing and obtaining the value of a particular chart status can become a challenge. Clicking on the Crosshair toolbar button would activate the cross hair status of the mouse pointer. With this activated, you can use the horizontal and vertical lines of Maran to measure price quote value more detailed.

5.2.3 Magnifier

Maran's chart labels and other elements are small in size by default. Magnify toolbar provides an accessibility tool especially to users with poor eyesight or impaired vision enabling them to zoom a particular portion of a chart bigger. This could aid users a lot when working on the program's trading environment.



5.2.4 Trend line

The Trend Line toolbar button provides you with a quick way on drawing a freehand, non-direction specific trend line on your charts. Please refer to Section 4.2.1 for an illustration of Trend Line.

5.2.5 Horizontal Line

The Horizontal Line toolbar button allows you to draw freehand, direction oriented specific lines on your charts (i.e. parallel with respect to your charts' X axis).

5.2.6 Rectangle

The Rectangle toolbar drawing button provides you with a quick way on drawing rectangle elements on your charts which could be helpful on sectoring a particular Forex/Equity market's movement graph. Please refer to Section 4.2.3 for an illustration of Rectangle.

5.2.7 Ellipse

The Ellipse toolbar drawing toolbar button provides you with a quickway on drawing ellipse elements on your chart which you could use for trade analysis purposes. Please refer to Section 5.2.7 for an illustration of Ellipse.

5.2.8 Text

The Text toolbar button gives you a way to quickly add text on your charts which you could use in adding customized labels. This could be especially helpful when you are creating a market movement analysis or would simply want to label a particular portion inside your chart.

5.2.9 Fibo Price

The Fibo Price toolbar drawing button provides you with a quick way to add Fibonnaci Price indicator in your charts which could be helpful in trading analysis. Please refer to Section 4.2.6 for an illustration of Fibonnaci Price.

5.2.10 Fibo Time

The Fibo Time toolbar drawing button provides a shortcut on adding Fibonacci Time indicator in your charts. Please refer to Section 4.2.7 for an illustration of Fibonacci Time.

5.2.11 Gann Fan

The Gann Fan toolbar drawing button provides a shortcut on adding Gann Fan marker in your charts. Please refer to Section 4.2.8 for an illustration of Gann Fan.

5.2.12 Speed Lines

The Speed Lines toolbar button provides a quick way on drawing Speed Lines meter in your charts. Please refer to Section 4.2.9 for an illustration of Speed Lines.

5.2.13 Fibo Arc

The Fibo Arc toolbar drawing button provides a quick way on adding Fibonacci Arc indicators in your charts. Please refer to Section 4.2.10 for an illustration of Fibonacci Arc.

5.2.14 Fibo Fan

The Fibo Fan drawing button provides a shortcut tool on adding Fibonacci Fan in your charts. Please refer to Section 4.2.11 for an illustration of Fibonacci Fan.

5.2.15 Tirone

The Tirone toolbar shortcut button gives you a quick access tool when you want to add Tirone drawing/s on your charts. A Tirone marker is made up of 3 lines, drawn horizontally which are of equal distance to each other. Please refer to Section 4.2.12 for an illustration of Tirone.

5.2.16 Quadrant

The Quadrant toolbar drawing button provides you a quick way on drawing Quadrant lines on your charts. Quadrant charts is almost similar to Tirone only that it's composed of 4 perpendicular lines, thus the name Quadrant, of equal distance to each other. Please refer to Section 4.2.13 for an illustration of Quadrant.

5.2.17 Raff

The Raff toolbar drawing button provides you a quick way on drawing Raff lines on your charts. A Raff indicator, like a Tirone marker, is made up of 3 lines of equal distance to each other. The only difference is Raff lines can be adjusted so as to appear diagonally. Please refer to Section 4.2.14 for an illustration of Raff.

5.2.18 Error

The Error toolbar drawing button gives you a quick way of drawing Error indicators on your charts. An Error indicator is almost similar to Raff indicator only that the former includes the two vertical lines that corresponds to the line boundaries of the 3 perpendicular lines that make up the Raff. Please refer to Section 4.2.15 for an illustration of Error.

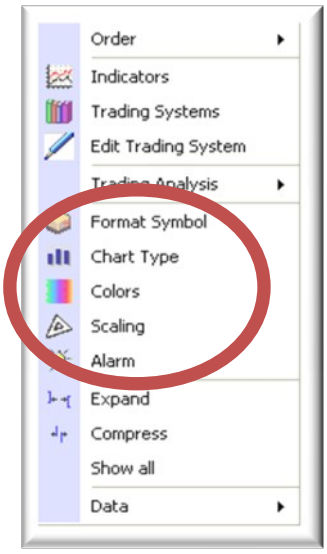
6 Charts

This section contains a detailed presentation of the Chart system of Maran application. Charts provide a graphical representation of the trading movement of the various Forex and Index market that the system supports. You would extensively use the Charts tool in order to accomplish successful trading.

6.1 Chart Properties

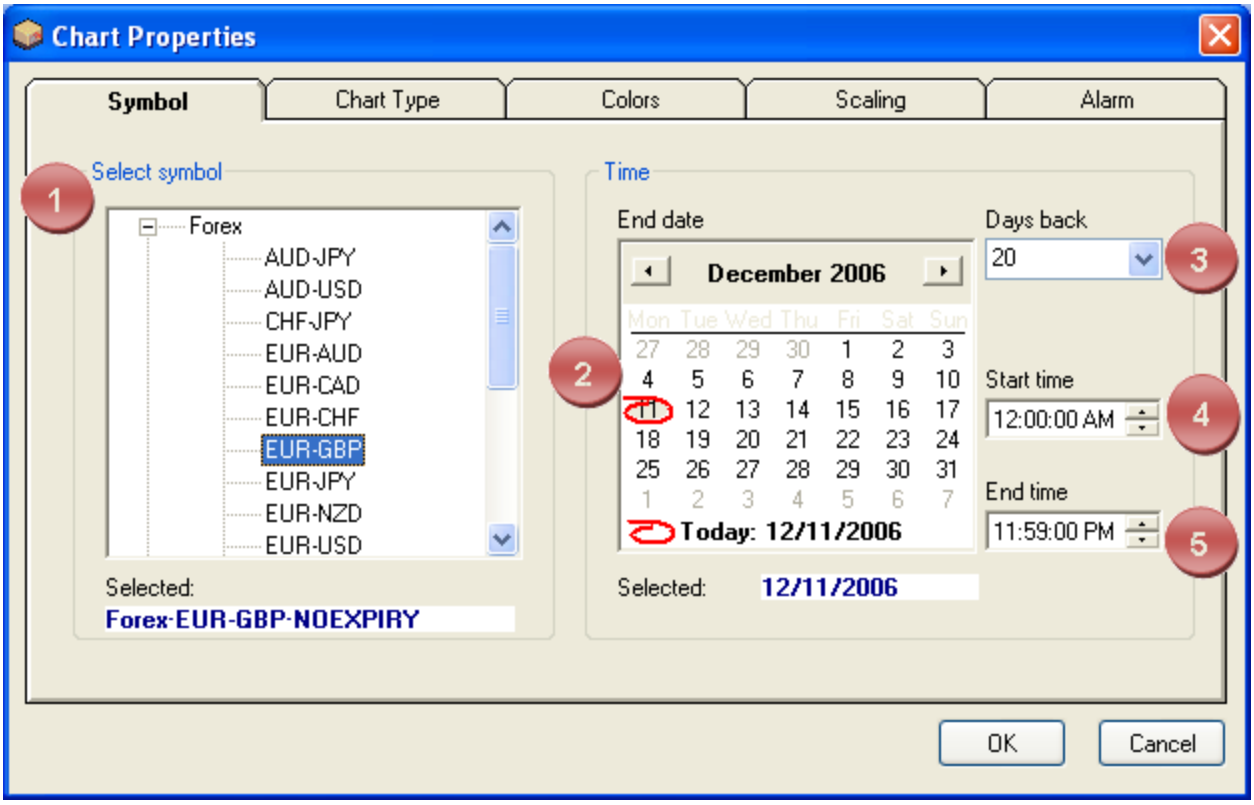
We would specifically discuss the **Chart Properties** window which provides the interface for all the chart settings tweak that you would need to perform on your charts when working on the system's workspace. There are two ways on how you could make the Chart Properties appear namely:

1. **When making a new chart.** You could make a new chart by either selecting the File Menu item and choosing New Chart option or by clicking the New Chart shortcut button on the Toolbar.
2. **Activating an existing chart window and selecting any of the chart submenu items.** You can make the chart submenu pane appear by either clicking on the Chart menu item or right clicking inside an active chart window.



6.1.1 Symbol

The Symbol tab contains all chart data related settings that you need to set when starting a new chart.



1. **Select Symbol.** You would specify here the type of trading market that you want to plot on your charts. You have the option to choose from either Forex or Index market. Maran has support for more than 15 major Forex and Index markets.

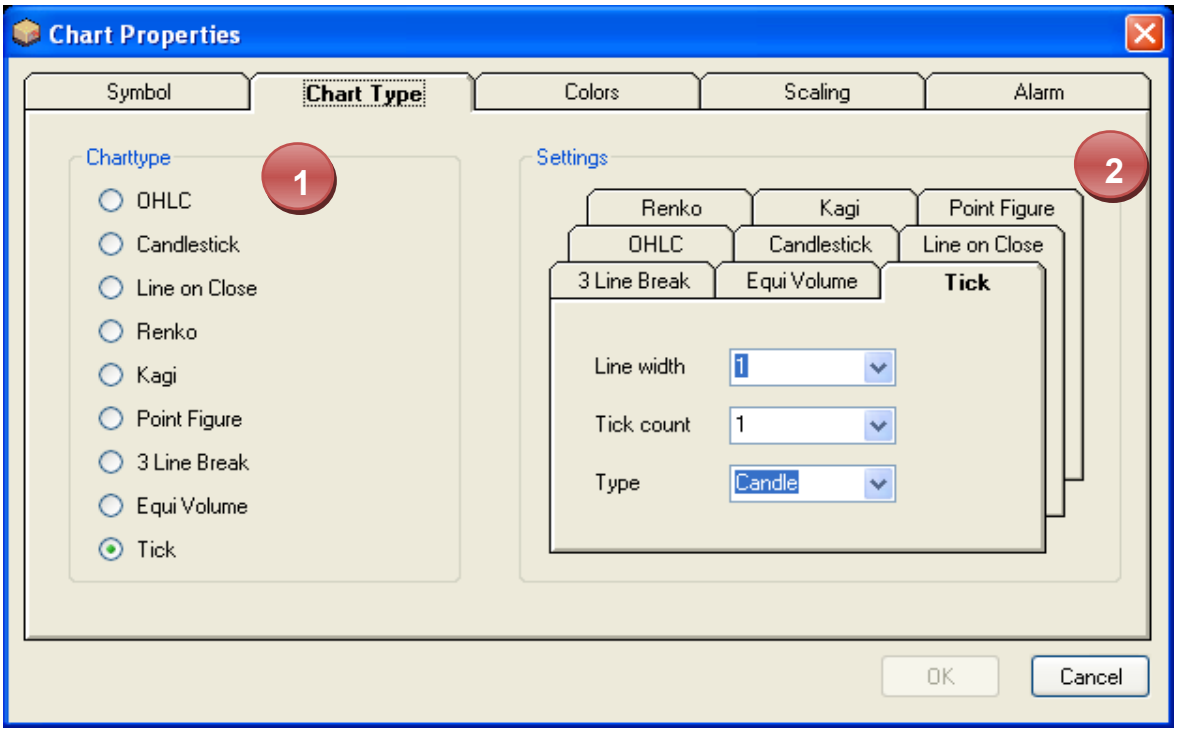
2. **Time.** Allows you to set the **End date** when indicating the period of trading time you want to plot on your chart. Please refer to *Days Back* for more information regarding End date.

3. **Days Back.** This works together with the *Time* attribute. The value that you would set on the **Days back** property specifies the number of days Maran would count back starting from the end date that you selected on the **Time** calendar. The period that would be covered would then be the span of trading days that would be plotted on the chart.

4. **Start Time.** Indicates the Starting time on the starting date of your data plot.
5. **End Time.** Indicates the End time on the end date if your data plot.

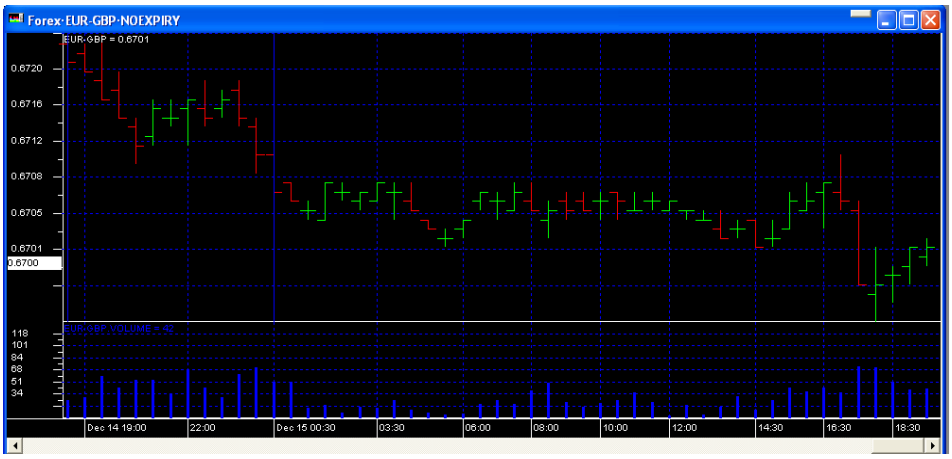
6.1.2 Chart Type

Maran provides nine different chart templates which you could implement on your echarts. The various chart templates provides different graph designs. Moreover, each chart templates have different properties that you could modify if you want to customize the way your data are displayed on your charts.

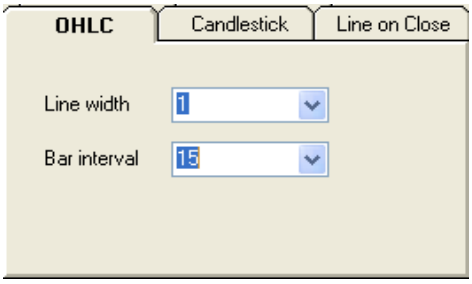


1. **Chart Type.** Enumerate a list of chart templates available. To implement a template, simply select the radio button corresponding to the template.
2. **Settings.** The **Settings** area displays the chart properties that you can edit if you want to customize your chart's appearance. The attributes that would appear here varies depending on the type of template that you selected from Step 1.

6.1.2.1 OHLC



The graph above illustrates a chart that implements the *OHLC* chart style template while the figure below shows the Chart type setting tab for *OHLC*.

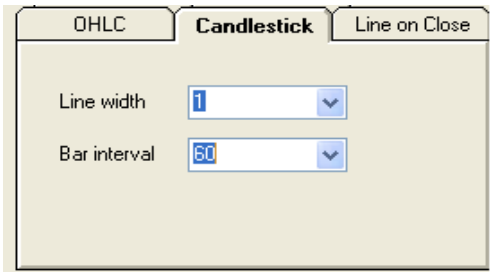


1. **Line width**. Corresponds to the weight/thickness of line elements that compose an OHLC template enabled chart.
2. **Bar Interval**. Specifies the time interval in between the chart's X-axis grids. For example, setting the Bar Interval's value to 15 would result to a time interval of 15 minutes in between the X-axis grids. Thus, the time scale that would be displayed on the lower portion (X axis domain) of chart would have values like 4:00 PM, 4:15 PM, 4:30

PM, 4:45 PM, etc. Obviously, setting the Bar Interval property into lower value would result to a more detailed chart display and otherwise when set to higher values.

6.1.2.2 Candlestick

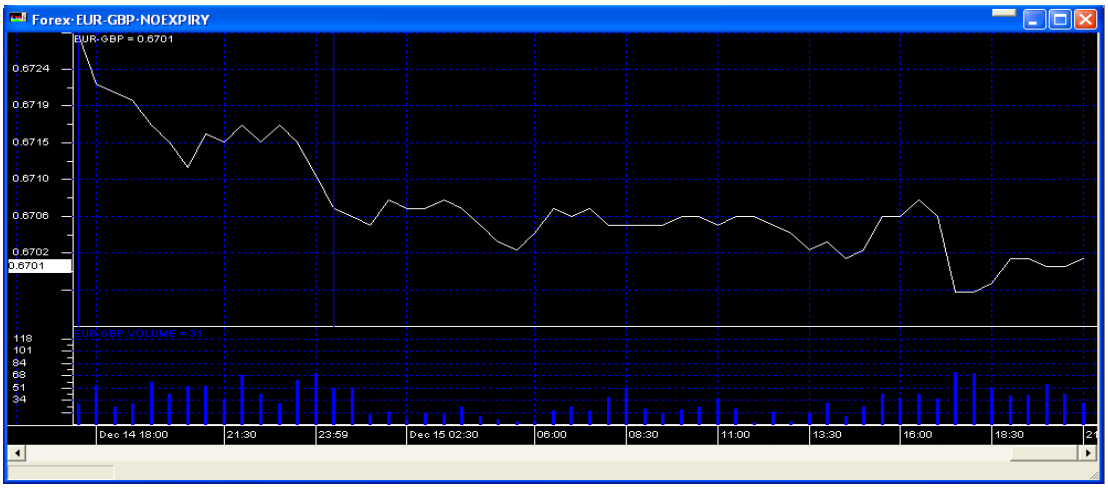
The graph above illustrates a chart that implements the *Candlestick* chart style template while the figure below shows the Chart type setting tab for *Candlestick*.



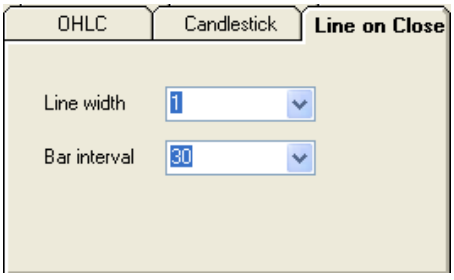
1. **Line width**. Corresponds to the weight/thickness of line elements that compose a Candlestick template enabled chart.
2. **Bar Interval**. Specifies the time interval in between the chart's X-axis grids. For example, setting the Bar Interval's value to 15 would result to a time interval of 15

minutes in between the X-axis grids. Thus, the time scale that would be displayed on the lower portion (X axis domain) of chart would have values like 4:00 PM, 4:15 PM, 4:30 PM, 4:45 PM, etc. Obviously, setting the Bar Interval property into lower value would result to a more detailed chart display and otherwise when set to higher values.

6.1.2.3 Line on Close



The graph above illustrates a chart that implements the *Line on Close* chart style template while the figure below shows the Chart type setting tab for *Line on Close*.

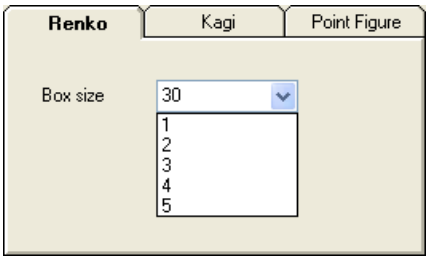


1. **Line width**. Corresponds to the weight/thickness of line elements that compose an Line on Close template enabled chart.
2. **Bar Interval**. Specifies the time interval in between the chart's X-axis grids. For example, setting the Bar Interval's value to 15 would result to a time interval of 15

minutes in between the X-axis grids. Thus, the time scale that would be displayed on the lower portion (X axis domain) of chart would have values like 4:00 PM, 4:15 PM, 4:30 PM, 4:45 PM, etc. Obviously, setting the Bar Interval property into lower value would result to a more detailed chart display and otherwise when set to higher values.

6.1.2.4 Renko

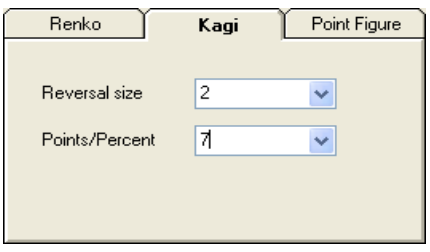
Selecting this chart type would allow you to implement Renko style on your chart. The figure below shows the Chart type setting tab for *Renko*.



1. **Box Size**. Specifies the length and width size of the box drawing element. Select from the predefined values (1-5) or type your custom box size.

6.1.2.5 Kagi

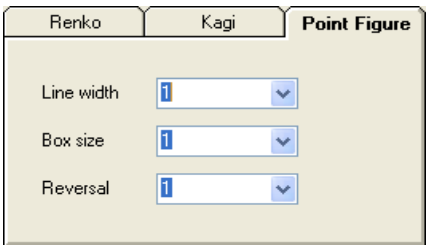
Selecting this chart type would allow you to implement Kagi style on your chart. The figure below shows the Chart type setting tab for *Kagi*.



1. **Reversal Size.** Displays the Reversal size of the elements in your Kagi chart. Select from the default values or enter your own value to set reversal size property.
2. **Points/Percent.** Displays the Points/Percent value of your Kagi chart. Select from the default values or enter your own value to set points property.

6.1.2.6 Point Figure

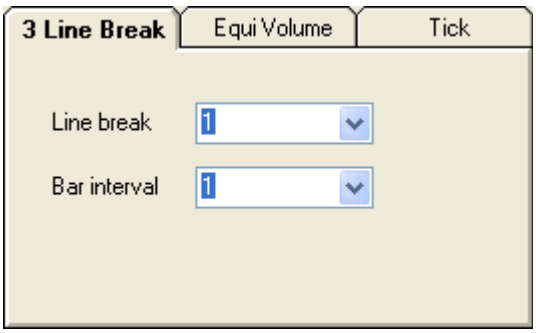
Selecting this chart type would allow you to implement Point Figure style on your chart. The figure below shows the Chart type setting tab for *Point Figure*.



1. **Line width**. Corresponds to the weight/thickness of line elements that compose an Line on Tick template enabled chart.
2. **Box Size**. Specifies the length and width size of the box drawing element. Select from the predefined values (1-5) or type your custom box size.
3. **Reversal Size.** Displays the Reversal size of the elements in your Kagi chart. Select from the default values or enter your own value to set reversal size property.

6.1.2.1 3 Line Break

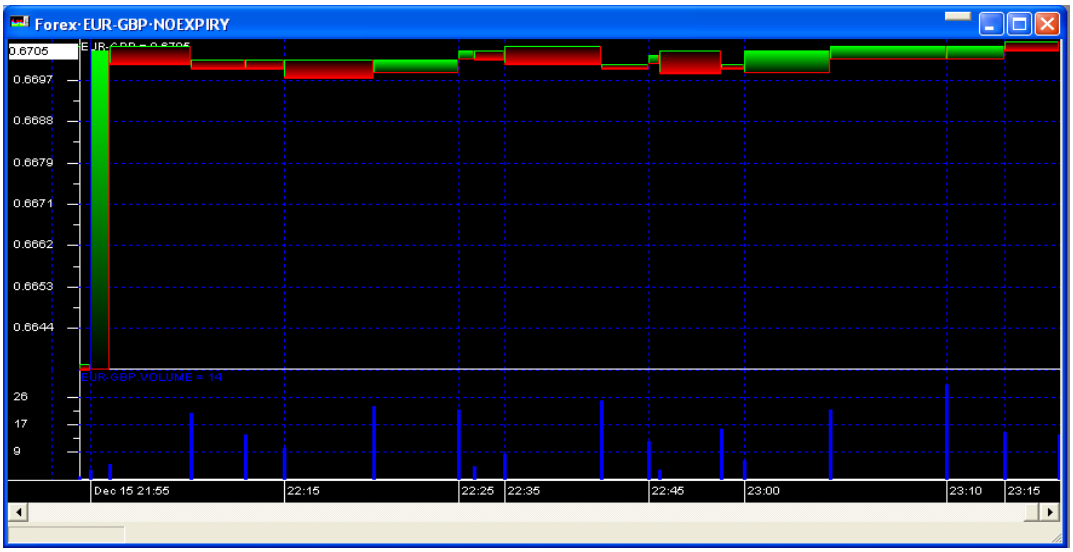
The graph above illustrates a chart that implements the *3 Line Break* chart style template while the figure below shows the Chart type setting tab for the same chart style template.



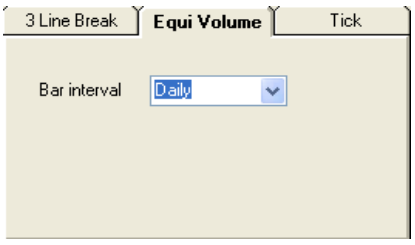
1. **Line Break**. Specify the size of line break elements, i.e. the graph figures that makes up the chart.

2. **Bar Interval**. Specifies the time interval in between the chart's X-axis grids. For example, setting the Bar Interval's value to 15 would result to a time interval of 15 minutes in between the X-axis grids. Thus, the time scale that would be displayed on the lower portion (X axis domain) of chart would have values like 4:00 PM, 4:15 PM, 4:30 PM, 4:45 PM, etc. Obviously, setting the Bar Interval property into lower value would result to a more detailed chart display and otherwise when set to higher values.

6.1.2.1 Equi Volume



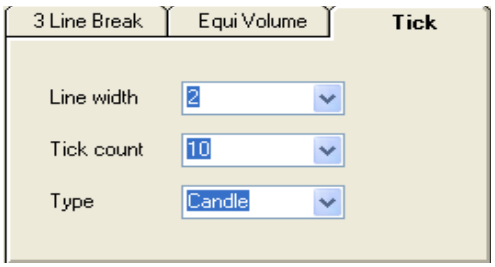
The graph above illustrates a chart that implements the *Equi Volume* chart style template while the figure below shows the Chart type setting tab for the same chart style template.



1. **Bar Interval**. Specifies the time interval in between the chart's X-axis grids. For example, setting the Bar Interval's value to 15 would result to a time interval of 15 minutes in between the X-axis grids. Thus, the time scale that would be displayed on the lower portion (X axis domain) of chart would have values like 4:00 PM, 4:15 PM, 4:30 PM, 4:45 PM, etc. Obviously, setting the Bar Interval property into lower value would result to a more detailed chart display and otherwise when set to higher values.

6.1.2.1 Tick

The Tick Charttype provides an active and dynamic graph rendering of data as they are received from the data server's data feed. Using this type of chart, you could immediately see newly streamed trading data plotted on your chart. The figure above illustrates a chart that implements the *Tick* chart using Candlestick chart style template. The figure below shows the Chart type setting tab for *Tick*.



4. **Line width**. Corresponds to the weight/thickness of line elements that compose an Line on Tick template enabled chart.

5. **Tick Count**. Specifies the time interval in between the chart's X-axis grids. Setting the Tick Count property to lower values would result to a least detailed chart display and otherwise when set to higher values.

6. **Type**. The dynamic Tick type of chart could be implemented using either the Bar or Candlestick template which were previously discussed.

6.1.3 Colors

You could edit the color property of the various elements of your charts. Simply select the button corresponding to the chart entity that you want to modify the color of to change its color. Click on the **Cancel** button if you made changes to the chart entities' color but do not want to actually commit the changes to the chart. Clicking on the **OK** button on the other hand would commit the changes that you made on the chart entities' color property. The first screenshot below shows the Color tab window with the different chart elements labeled. The second screenshot on the other hand displays a chart with the corresponding chart elements that could be modified by the **Colors** properties window identified.

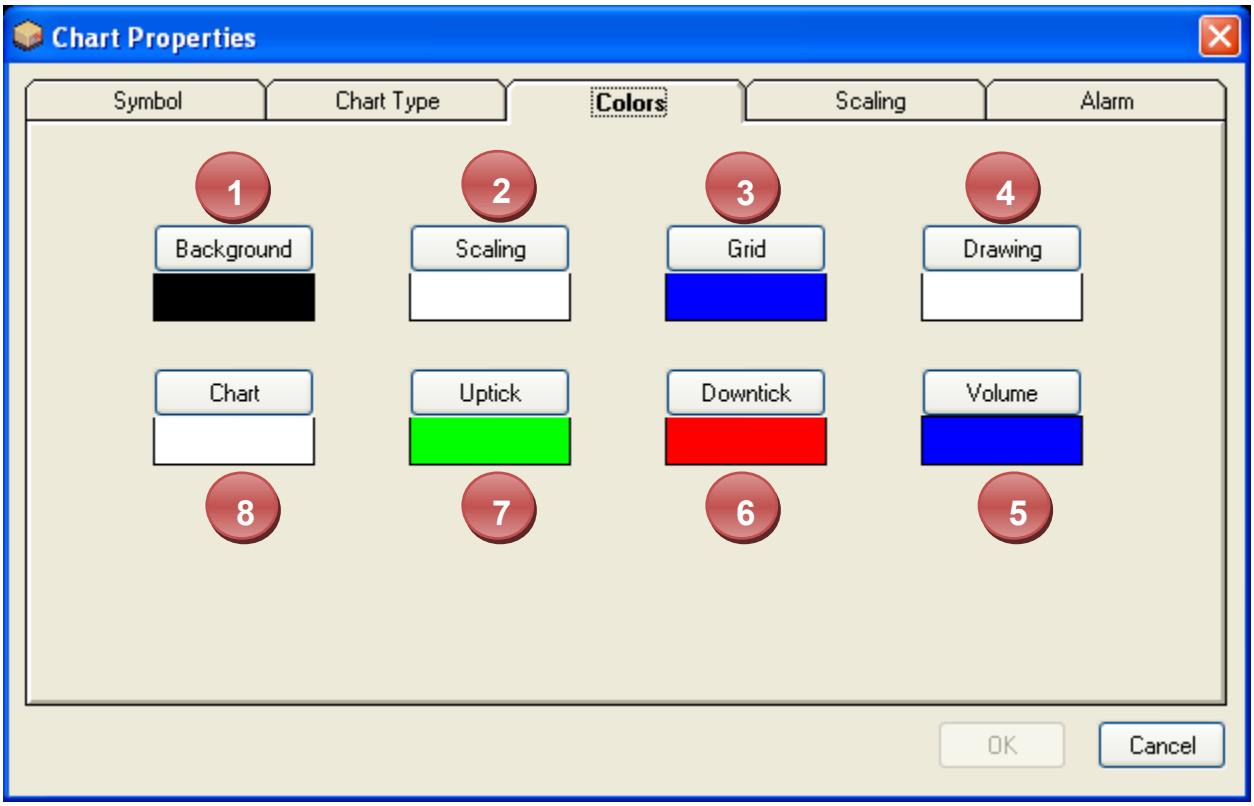
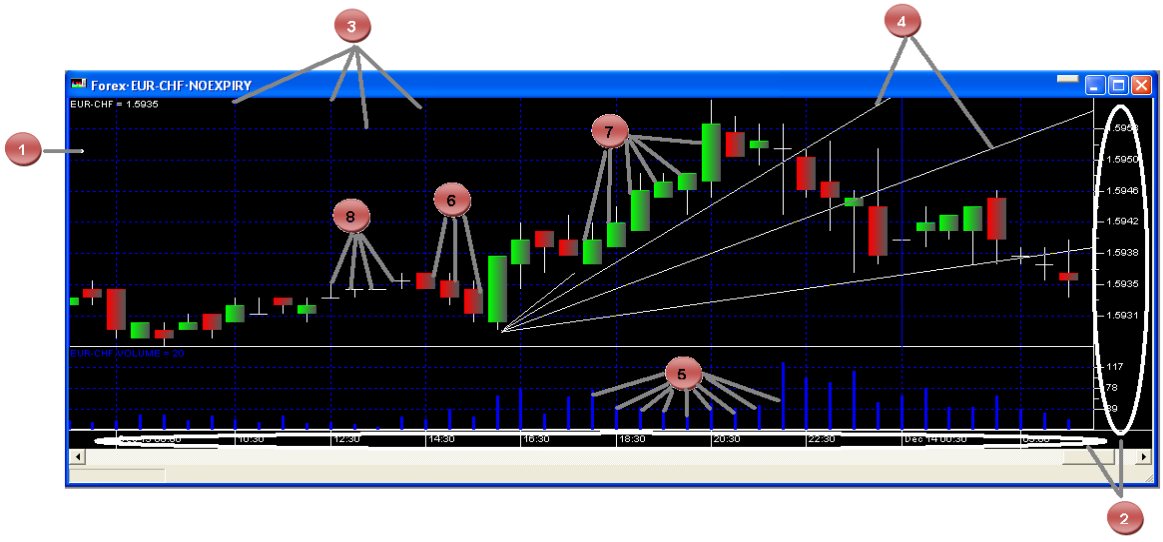
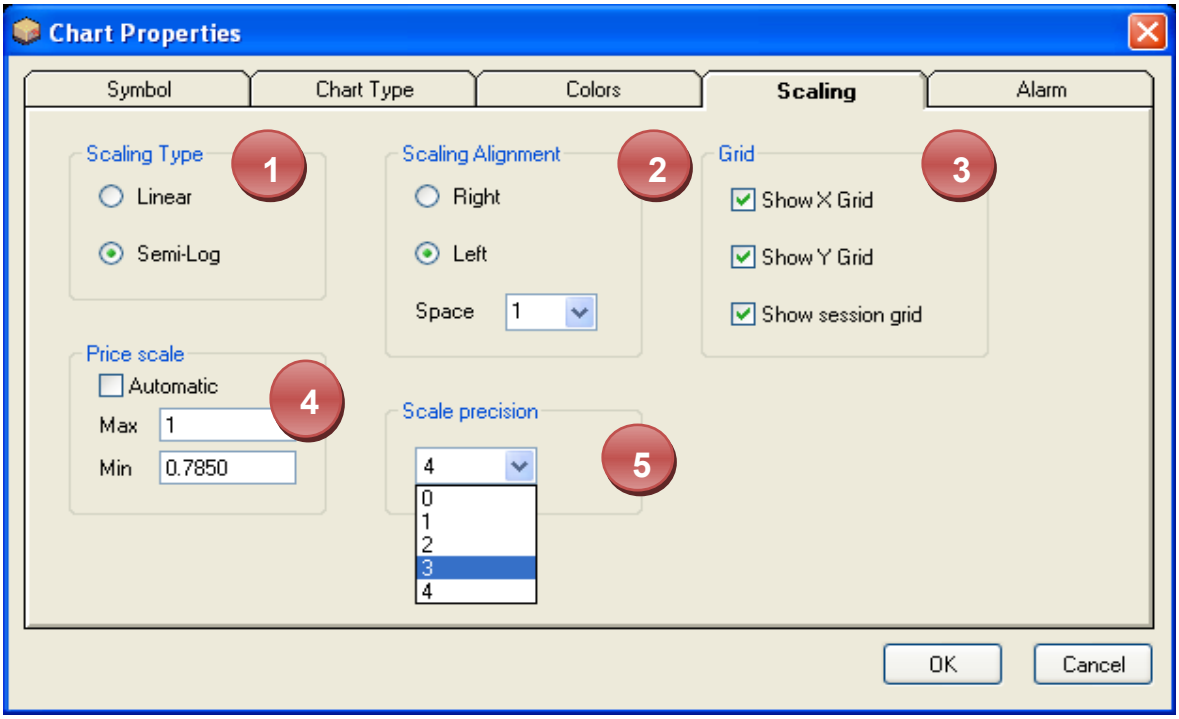


Chart Properties
Symbol
Chart Type
Colors
Scaling
Alarm
1
Background
2
Scaling
3
Grid
4
Drawing
Chart
Uptick
Downtick
Volume
8
7
6
5
OK
Cancel


Forex-EUR-CHF-NOEXPIRY
EUR-CHF = 1.5935
EUR-CHF VOLUME = 20
1
2
3
4
5
6
7
8

6.1.4 Scaling

The Scaling Chart Property allows you to edit the graph metrics values that appear on either the left side or right side and bottom portion of your charts. Below is a Scaling tab window with the various parts labeled.



1. **Scaling Type.** This identifies the type of scaling that your chart would implement. There are two types of scaling that you could use namely **Linear** and **Semi-Logarithmic.**

2. **Scaling Alignment**. Depending on your preference, you could opt to place your graph metrics either on the left or right side of your main graph. The **Space** attribute defines the positioning of your graph with respect to the right side portion of the chart or its distance from the right side portion of your chart window.

3. **Grid**. Maran's charts are provided with grids. However, you could opt to remove these grids. Selecting/deselecting the check boxes corresponding to the grid type would turn on/off the particular grid modified. **Session grids** provide a marker to signify the end of a trading session and the start of a new one.

4. **Price Scale**. Depending on the volatility of a market being represented by a graph, the span of price being scaled on your charts may vary from close to each other in value or otherwise. You could allow the system to automatically assign the suitable range of market price that it would display to scale your graphs by checking the **Automatic** tick box. You could, however, override the system's range of displayed scale values by

unselecting the Automatic option and specifying the maximum and minimum price to be use.

5. **Scale precision**. This portion allows you to set the price precision of the scales. The values that can be found on the drop down selection box represents the possible number of decimal places that would be supported by the system on displaying market prices. For example, selecting 3 as the precision value could give you a price of 0.675, i.e. a price value having 3 decimal places. Selecting 4 as the scale precision value on the other hand could give a price of 0.6751, i.e. a price value having 4 decimal places accuracy.

The screenshot below shows an example of a chart with scale alignment set to left and grids support turned off.

6.1.5 Alarm

The alarm feature allows you to set alarm sounds for trading related or system

6.2 Working with Charts

6.2.1 Drawing Graph Elements on a Chart

Maran allows you to draw various graph elements on your charts. These elements can help you on your trading analysis procedures, evaluations, and prognoses among others.

Listed below are the different types of drawings that you can use on your charts:

- Trendline
- Horizontal Line
- Rectangle
- Ellipse
- Text
- Gann Fan
- Speed Lines
- Tirone Level
- Fibonacci Price
- Fibonacci Time
- Fibonacci Arc
- Fibonacci Fan
- Quadrant Line
- Raff Regression
- Error Channel

6.2.1.1 Adding a Drawing

You could add drawings on your chart by performing the following procedures:

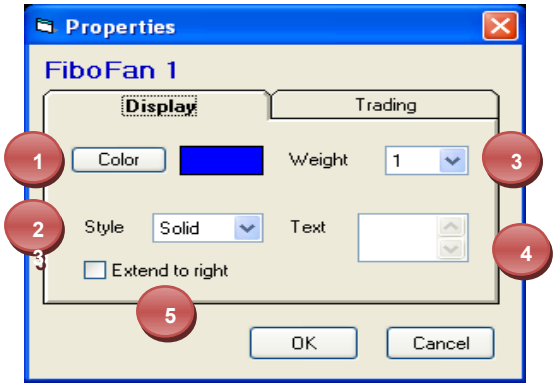
1. Select the drawing that you want to add on your chart. You could do this by either clicking on the drawing's shortcut button on the toolbar section or selecting the drawing submenu item under the **Draw** menu.
2. Left click on the position inside the chart where you want your drawing to start.
3. Plot your drawing as you want it to appear on the chart and release the mouse button on the point where you want the drawing to end. The new drawing should be added on your chart.

6.2.1.2 Editing a Drawing

Follow the following steps if you want to modify a line that you have drawn:

1. Select the drawing that you want to edit by left clicking on it.
2. Right click on the selected drawing to make the **Chart Modification** menu appear.
3. Select the **Properties** menu item.

Doing the steps enumerated above will open the **Properties** window. This window presents 2 window tabs. The first one is **Display** and this allows you to edit appearance related properties of your drawing. The other tab, **Trading**, allows you to integrate trading related tasks on your drawing.



1. **Color.** Clicking on the Color button would launch the standard Color Selection window. This property allows you to change the display color of the selected drawing.
2. **Style**. The drop down list provides you with 3 options on the style of the lines that compose your drawing namely **Solid**, **Dot**, and **Dash Dot.** Simply select from the list the style that you want to apply on your drawings and click **OK** to apply change.

3. **Weight.** This allows you to adjust the thickness of the lines that compose your drawings. Simply select from the range of 1-5 the thickness level that you want to apply on your drawing.
4. **Text.** Type inside the textbox area next to the Text label the label that you want to add to add to your drawing.
5. **Extend to the right.** Select or unselect the tick box to activate/deactivate extending of your drawing on the right side of your chart.

Maran also allows you to add *trading scripts* on your drawings so that, for example, an order would be generated whenever a prevailing market price quote matches that of prices that your drawing passes through.

1. **Touching price generates order**. Select/unselect this option if you want Maran to automatically generate an order for you whenever the current market price quote matches the prices that price path that your drawing identifies.
2. **Buy or Sell.** This identifies the kind of trading transaction Maran would conduct if the option explained on the item above is satistied.
3. **Stop or Limit.** This identifies on whether the transaction to be done is of Stop or Limit type.

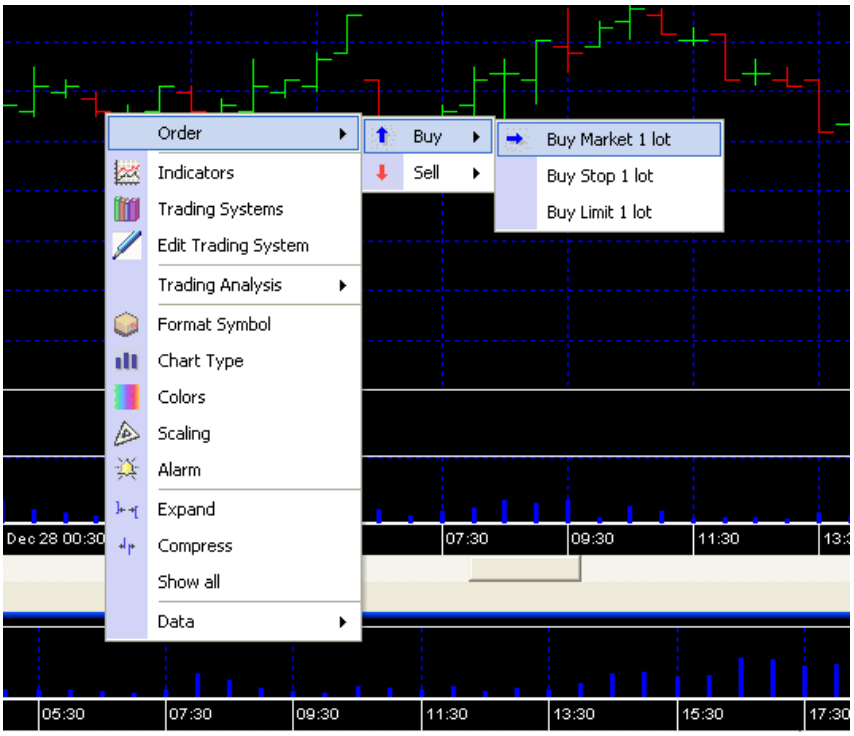
6.2.1.3 Deleting a Drawing

The steps outlined on the drawing modification process should be followed to make the Drawing chart menu appears as illustrated above. Select **Delete <Type of Drawing>** if you simply want to remove an individual drawing. You could, however, also opt to remove all the drawings of a certain type present on your chart by selecting **Delete all objects of this type** option.

6.2.2 Ordering from the Chart

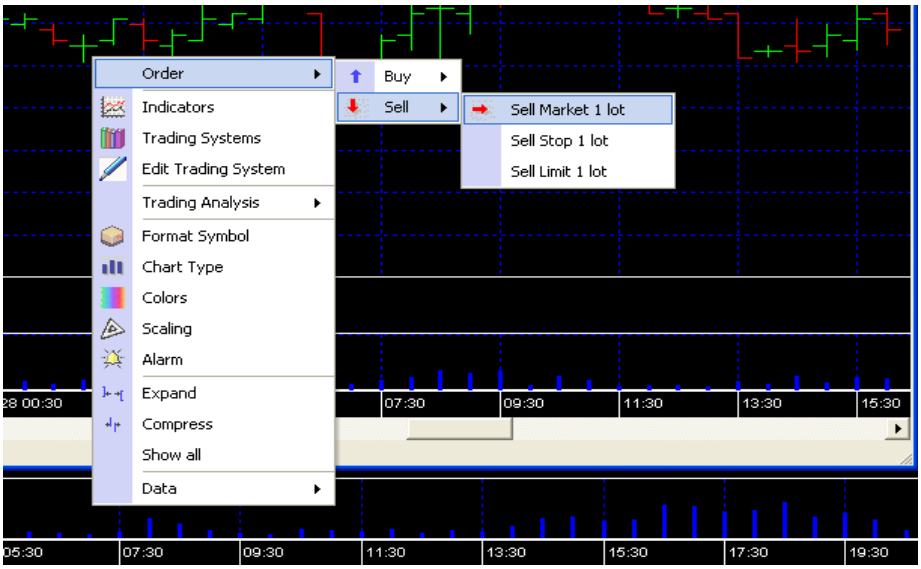
Maran allows you to generate buy or sell orders directly from your trading charts. To do so, simply right click inside the chart representing the Forex or Index market where you want to place an order and select the **Order** from the pop-up menu.

6.2.2.1 Buy



Maran allows you to buy trading **lots** directly from your charts. In particular, you could do the following using this feature: **Buy Market 1 Lot**, **Buy Stop 1 Lot**, and **Buy Limit 1 Lot**. The system would generate your orders using the prevailing market prices when acquiring your purchased trading lots.

6.2.2.2 Sell

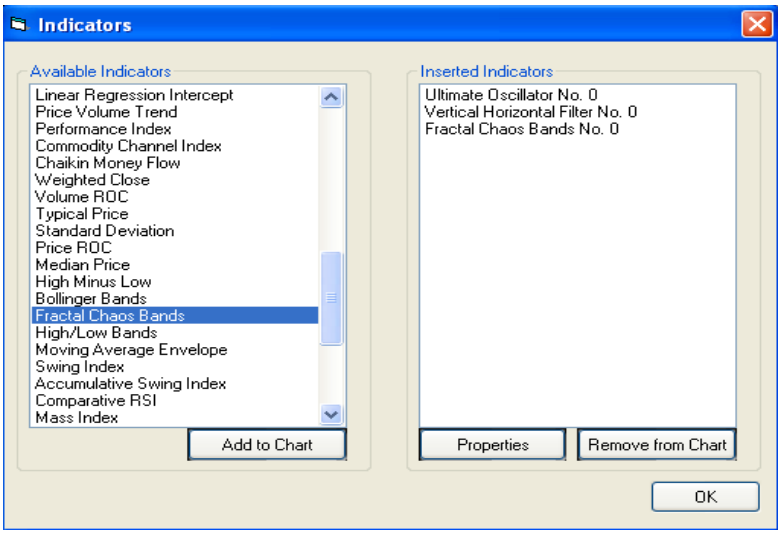


Maran allows you to sell trading **lots** directly from your charts. In particular, you could do the following using this feature: **Sell Market 1 Lot**, **Sell Stop 1 Lot**, and **Sell Limit 1 Lot**. The system would generate your orders using the prevailing market prices when selling your trading lots.

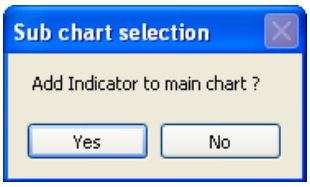
6.2.3 Adding Indicators

Maran allows you to add **Indicators** to your charts. Indicators could aid you on forecasting possible market movement thus enabling you to make more logical and sound trading decisions.

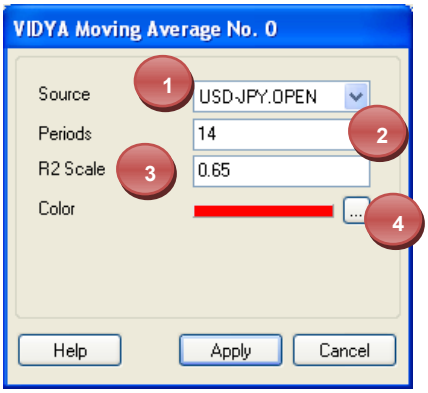
To add an indicator, right click your mouse inside the graph representing the forex/index market where you want to add an indicator and select **Indicator** from the pop-up menu. The Indicator window illustrated below would be launched by the system.



Select the type of indicator that you want to add to your chart from the list of **Available Indicators**. After which, add the indicator to your chart by clicking on the **Add to Chart** command button. Maran would prompt you if you are sure that you want to add an indicator to your chart.



Click on **Yes** if you want to proceed on adding an indicator to your chart. Otherwise, click on **No**. After confirming from the prompt, the Indicator property window will be launched. Illustrated below is the Indicator Property window.



1. **Source.** Indicates the source of data that indicator would use. All calculations will be based upon this source field. A source field can be open, high, low, close, volume, or any other available series.
2. **Periods.** Specifies the numbers of bars to use for calculating the indicator.
3. **R2 Scale.** The r-squared (coefficient of determination) scale.
4. **Color.** Specifies the color that the indicator graph element would use on displaying the calculation's result.

When you are done setting up the indicator's attributes, commit the indicator to your chart by clicking the **Apply** button. Otherwise, click **Cancel** if you don't want to continue adding an indicator to your chart.

You could still edit an indicator's properties by right clicking again on the chart displaying the indicator and launching the **Indicator's** window. Select the indicator that you previously added

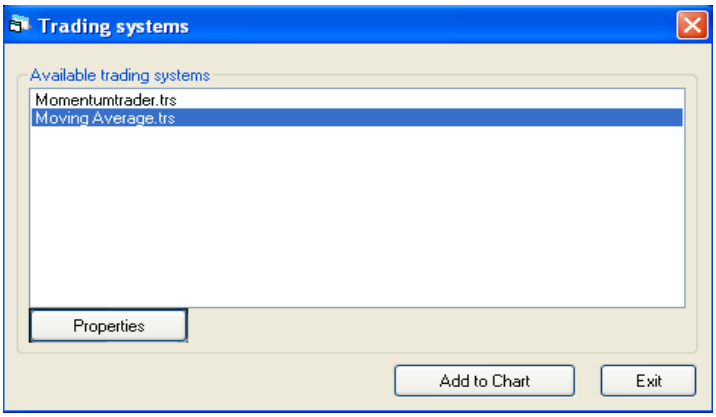
from the **Inserted Indicators** list and click the **Properties** command button. The Indicator Property window similar to the one discussed above will be displayed. Apply the indicator attribute/s changes that you want to edit on an existing indicator.

Meanwhile, if you want to remove an existing indicator from one of your charts, follow the procedures regarding changing an indicator's properties as enumerated above and Selecting the indicator that you want to remove from the chart and clicking on the **Remove from Chart** command button.

6.2.4 Adding a Trading System

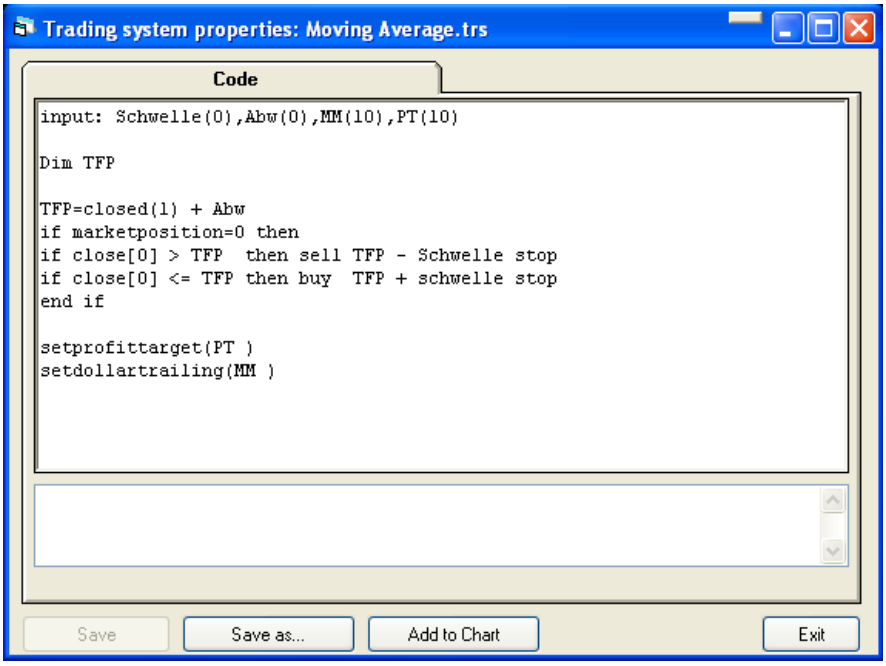
One of the powerful feature that Maran provides is the built in Trading System. The Trading System allows a user to code trading rules using the system's own trading language and test these trading rules to see which would be the most profitable to trade.

To add a trading system to your charts, right click inside the chart where you want to add it and select **Trading Systems** from the pop-up menu. The Trading System window illustrated below will be launched by the system:



Select the Trading system that you want to implement on your chart from the **Available Trading System** list and click the **Add to Chart** button to commit the trading system to your chart. Click **Exit** if you do not wish to continue adding a trading system.

You could also modify the behavior of a particular trading system by selecting the trading system label from the list and clicking on the **Properties** command button. Doing so will launch the Trading system properties window as illustrated below:



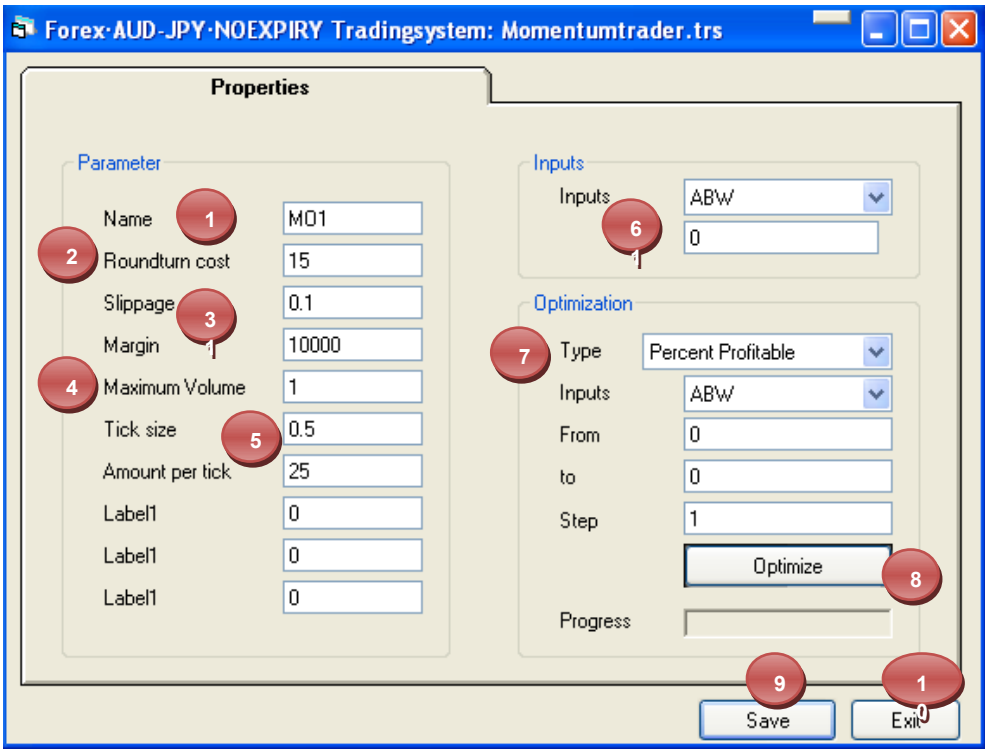
Using the trading system properties interface shown above, you can modify the lines of codes that define how your selected trading system would behave during trading execution. You could save the edited trading system as a new trading system file. To do so, click on the **Save as…** button and save the new trading system on your local hard disk. Click **Add to Chart** button if you are already finished editing to apply modified trading system to your chart. Otherwise, click **Exit** if you don't want to proceed on adding a trading system on your chart.

Please consult the Trading System Manual for more information regarding the Trading System's programming language.

6.2.5 Editing Trading System

This feature allows you to visually edit the properties of a trading system currently being implemented on your charts using a Windows interface thus removing the need for you to access its code.

To use this feature, right click inside the chart currently implementing the trading system that you want to modify and select **Edit Trading System** from the pop-up menu. Illustrated below is the Edit Trading System property window the application would launch after selecting the Edit Trading System command from the popup menu:

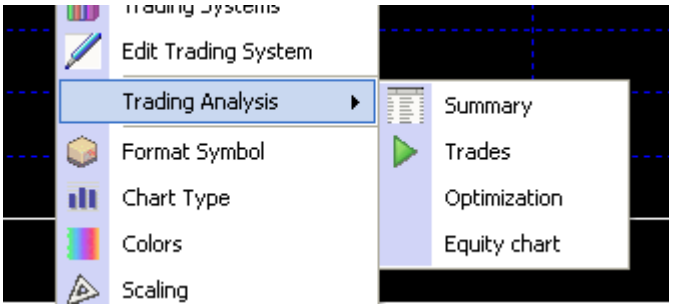


1. **Name**. Identifies the name of the trading system that you are modifying. This attribute distinguishes trading systems amongst each other.
2. **Roundturn cost**. This field gives you the opportunity to calculate costs and slippage in your system performance. Add costs and estimated slippage and insert the result in points.
3. **Slippage and Margin**. Specifies the slippage and margin values for a particular trading system.

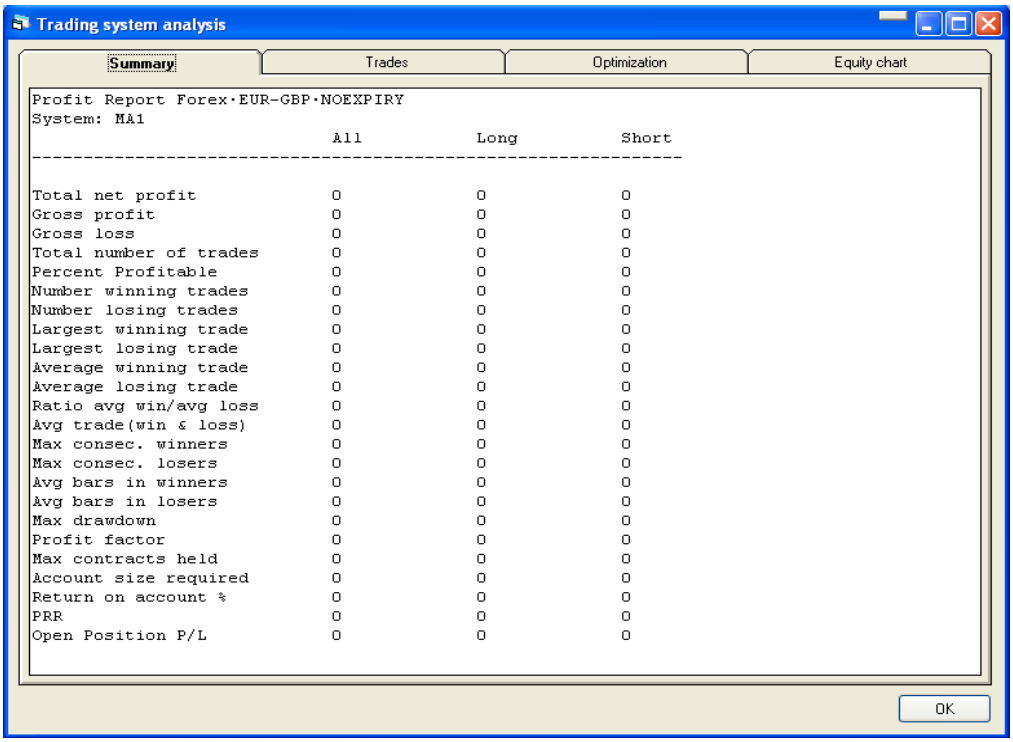
4. **Maximum Value**. Specifies the maximum trading value.
5. **Tick Size and Amound per Tick**. Specifies the tick size and value per tick a trading system would use.
6. **Inputs**. Select from the four data source namely **SCHWELLE**, **ABW**, **MM**, and **PT**.
7. **Optimization**. This area indicates the optimization parameters that you could modify when editing trading systems. To optimize your trading system, specify the type of optimization that you want to implement by choosing from the list of possible types. Also identify the **source** of your trading system data, the **From** and **to** values, and finally the **step** value.
8. **Optimize**. Click the **Optimize** command button after you have set the Optimization attributes discussed above to make the system implement optimization to the trading system of a particular chart.
9. **Save**. Click the Save button to save changes.
10. **Exit**. Click the Exit button after you have saved the trading system that you modified or if you wish to cancel and discontinue editing the trading system.

6.2.6 Trading Analysis

Trading Analysis provides a way to enable you to evaluate and further investigate your trading activity. To view trading analysis tools, right click inside the chart that you want to evaluate and choose **Trading Analysis** from the pop-up menu. Select any of the four different trading analysis report that you want to view .

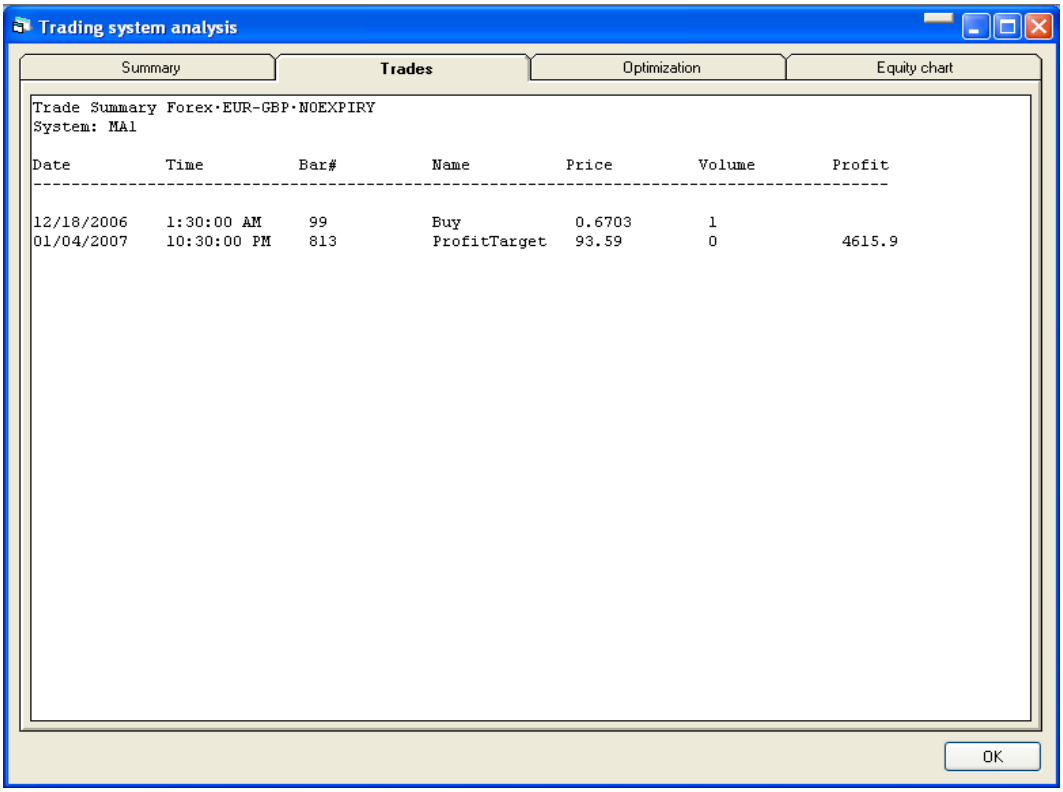


6.2.6.1 Summary


Trading system analysis
Summary
Trades
Optimization
Equity chart
Profit Report Forex·EUR-GBP·NOEXPIRY
System: MA1
All Long Short
Total net profit 0 0 0
Gross profit 0 0 0
Gross loss 0 0 0
Total number of trades 0 0 0
Percent Profitable 0 0 0
Number winning trades 0 0 0
Number losing trades 0 0 0
Largest winning trade 0 0 0
Largest losing trade 0 0 0
Average winning trade 0 0 0
Average losing trade 0 0 0
Ratio avg win/avg loss 0 0 0
Avg trade(win & loss) 0 0 0
Max consec. winners 0 0 0
Max consec. losers 0 0 0
Avg bars in winners 0 0 0
Avg bars in losers 0 0 0
Max drawdown 0 0 0
Profit factor 0 0 0
Max contracts held 0 0 0
Account size required 0 0 0
Return on account % 0 0 0
PRR 0 0 0
Open Position P/L 0 0 0
OK

As the name suggests, the **Summary Tab** displays a rundown of all your trading transactions. It display values such as the **total net profit** that you gained on the Forex/Index market that the chart is representing, your **gross profits**, and **gross loss** to name a few.

6.2.6.2 Trades



The **Trading** tab displays a detailed report of all the transactions that you committed to the Forex/Index market being represented by the chart. It includes information such as the date and time when the order was placed, its bar #, price, volume, and profit to name a few.

6.2.6.3 Optimization

The **Optimization** tab which could be found under the Trading system analysis window shows the status of the optimization settings that you incorporated to your trading analysis configuration.

6.2.6.4 Equity Chart

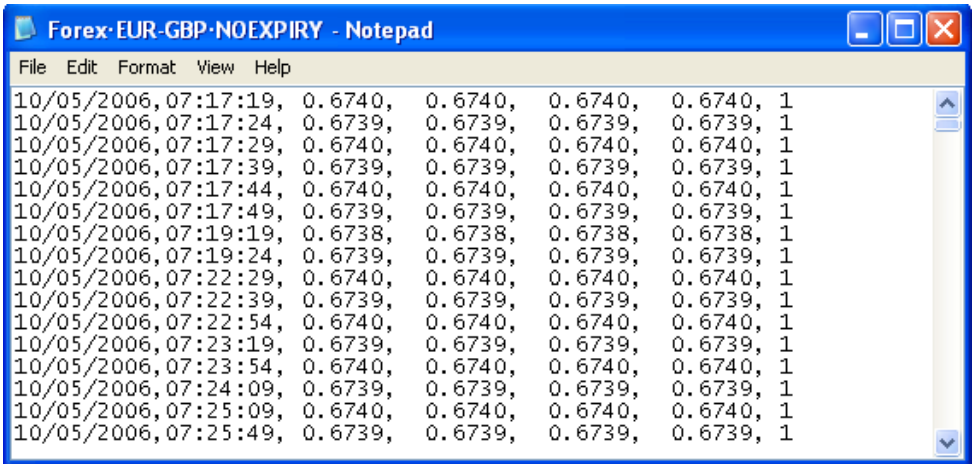
The **Equity Chart** presents a graphical representation of the status of your equity contracts using Maran's trading platform.

6.2.7 Working with your Chart's Data

6.2.7.1 Editing

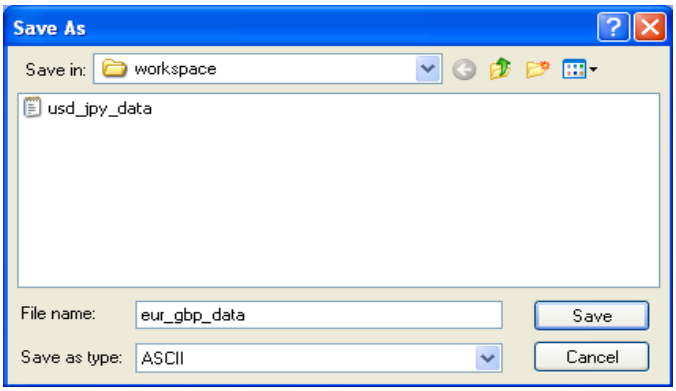
Maran stores quote information coming from data feed servers on a textual format. The system parses these text-based quotes and draw the analyzed information into visual charts. Right clicking your mouse inside a chart and choosing **Data** | **Edit** from the popup menu will show you the text-based quote data that that chart is actively displaying.

You can edit this quote information from the source-file. Use this option to correct data errors. Using this functionality will allow you to easily re-write the corrected data. Please make sure you use the right spelling of date-format and separators according to the Maran's format.



6.2.7.2 Export

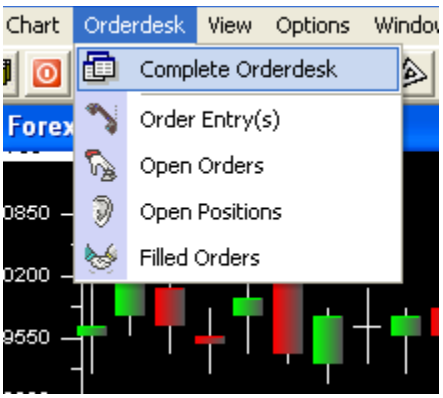
Maran also allows you to save the market data that your charts use. To do this, right-click inside a chart and select **Data** | **Export** task from the popup menu. The application will launch the Save As prompt. Assign your desired filename and save the data on your local hard disk.



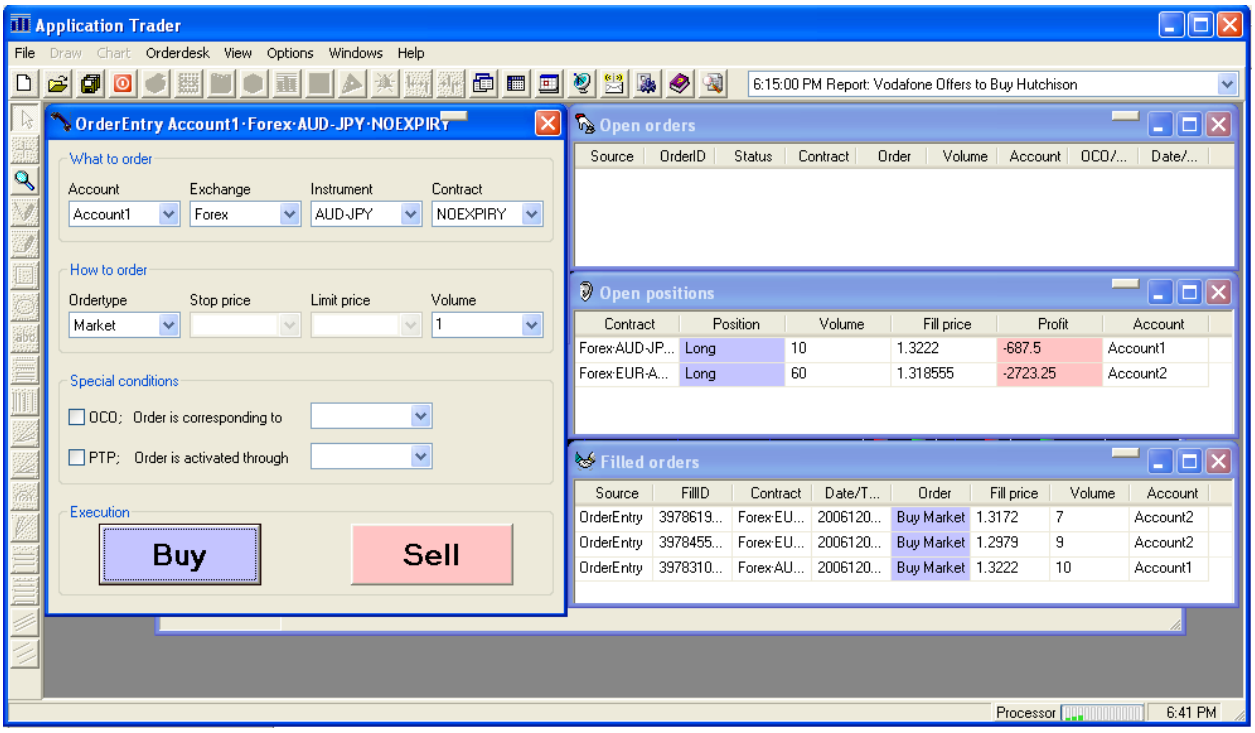
7 The Order System

7.1 Startup and Overview of the Order System

You can launch the Orderdesk windows by clicking on the **Orderdesk** menu item and selecting and clicking the orderdesk window that you want to start. You can make all the four various order desk window appear at the same time by choosing the **Complete Orderdesk** submenu item. You could also opt to activate each window individually by selecting the particular submenu entry of the orderdesk that you want.



You can start trading currencies or equities and do other trading related tasks once the Orderdesk windows are available on your work area.



The Order Desk system is consists of the following individual components:

1. Order Entry window.
2. Open Orders window.
3. Open Positions window.
4. Filled Orders window.

This section would discuss issues and matters pertaining to trading activity using the Maran software.

7.2 Order Entry

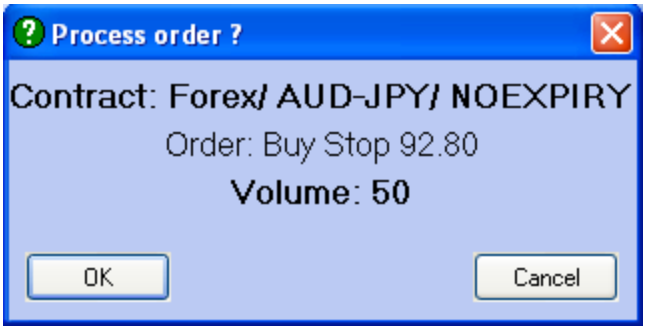
The **Order Entry** window of the Orderdesk system allows you to place trade orders either by Buying or Selling Forex or Equity *lots*.

The Order Entry window is composed of the following elements:

1. Selection field for the **Account** to be used on transaction.
2. Selection field for the **Exchange**. You can choose from the two types of trading that Maran support namely *Forex* and *Index*.
3. Selection field for the type of **Instrument**. If you choose Forex as the type of exchange on the previous item, you can select from the 17 major Forex markets supported by Maran. The system provides support for the Frankfurt L&S Dax stock market if you selected Index as the type of exchange.
4. Selection field for the **Contract** type.

5. Selection field for the **Ordertype**. You can select from four different types of ordering namely *Market, Stop, Limit*, and *Stoplimit*.
6. Selection field for the **Stop Price**. Indicate your desired **Stop** price on this field. This field would be active if you selected *Stop* or *Stoplimit* as your *Order Type* on the previous item.
7. Selection field for the **Limit Price**. Indicate your desired **Limit** price on this field. This field would be active if you selected *Limit* or *Stoplimit* as your *Order Type* on the previous item.
8. Selection field for the **Volume**. Select from the listed values or enter your desired order volume on this field.
9. Activation field for **OCO Option**. Check/uncheck tick box if you want order to correspond to OCO. Select time basis to be used from the drop down list positioned next to the OCO label.
10. Activation field for **PTP Option**. Check/uncheck tick box if you want order to be activated/deactivated through the PTP value that you would in turn specify on the drop down list positioned next to the PTP label.
11. Execution button for **Buy** order.
12. Execution button for **Sell** order.

To place an order, fill out the fields enumerated above with your desired rates or choose from the predefined value. After which, when you are already finished specifying order details, click on the **Buy** or **Sell** button to execute your order. Maran would confirm your order before it processes it. Illustrated below is an example of an Order confirmation prompt that you would get prior to the actual commitment of your order transaction.



Simply click on the **OK** button to confirm order transaction. Click on **Cancel** button in case you might want to modify order details and don't want order to proceed yet.

7.3 Open Orders

7.3.1 Introduction

The Open Orders window gives you an overview of all the orders which were placed through the Order desk but have not been filled yet. This happens if an order was assigned a limit or stop value but the forex/index quotes have not yet been higher, equals, or lower than the set limit or stop of the order.

The Open Orders window is composed of the following elements:

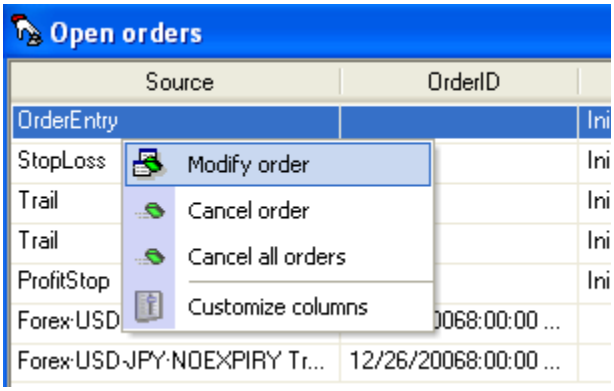
1. **Source**. Specifies the source of a particular open order.
2. **Order ID**. Provides a unique identification to your orders.
3. **Status**. Identifies the current status of a particular order.
4. **Contract**. Displays the type of trading contract.
5. **Order**. Identifies the order that needs to be satisfied so as for the order to be transacted and transferred into the filled order.
6. **Volume**. Shows the order volume to be transacted.
7. **Account.** Displays the account used on placing the order.
8. **OCO/PTP**. Identifies the special condition OCO/PTP value if enabled during the configuration of the order.

9. **Date/Time**. Shows the Date and Time when the order was placed.

7.3.2 Working with Open Orders Table

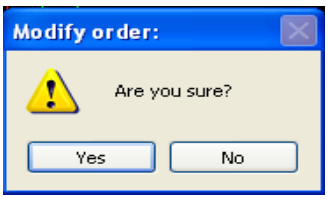
The Open Orders pop-up task menu can be launched by right clicking your mouse anywhere inside the Open Orders report table. From there, select from the four different configuration related tasks that you can execute for your open orders. The four configuration related tasks are:

1. Modify Order
2. Cancel Order
3. Cancel all Orders
4. Customize Columns



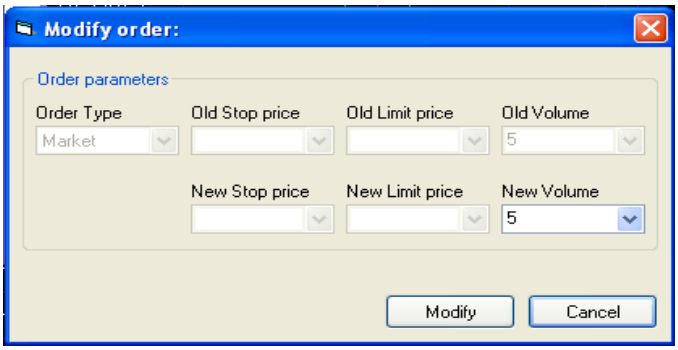
7.3.2.1 Modify Order

Maran allows you to edit Open Orders while their order conditions are not yet satisfied by current market condition. You can modify an order by left clicking your mouse on the row where the order that you want to modify is displayed and selecting the **Modify Order** from the pop-up menu. Maran would first confirm if you want to modify the order by displaying the prompt window below:



Click **Yes** if you want to proceed. If you changed your mind about modifying your order, then click the **No** button.

The **Modify Order** window will be displayed. Modify your order by changing the values on the particular value field corresponding to the order properties that you want to change. Depending on the type of open order that you want to modify, some value fields might be disabled thus preventing you from further modifying their values.

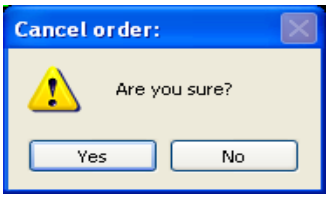


After you are done modifying your order, click the **Modify** button to commit the changes that you have done. Otherwise, if you don't want to save changes to an order's properties, click the **Cancel** button.

7.3.2.2 Cancel Order

Maran also allows you to cancel Open Orders while their order conditions are not yet satisfied by current market condition. You can cancel an order by left clicking your mouse on the row where the order that you want to modify is displayed and selecting the **Cancel Order** from the

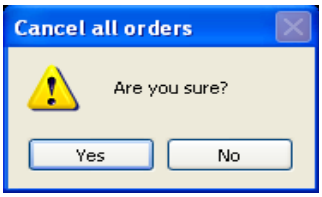
pop-up menu. Maran would first confirm if you want to cancel the order by displaying the prompt window below:



Click **Yes** if you want to proceed. If you changed your mind about cancelling your order, then click the **No** button. After clicking **Yes**, the order that you cancelled would be removed from the Open Order table list.

7.3.2.3 Cancel All Orders

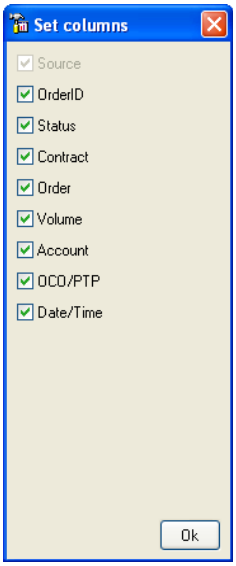
Maran also allows you to cancel ALL Open Orders while their order conditions are not yet satisfied by current market condition. You can cancel ALL your open orders by left clicking your mouse anywhere inside the Open Orders table and selecting the **Cancel All Orders** from the pop-up menu. Maran would first confirm if you want to cancel all your open orders by displaying the prompt window below:



Click **Yes** if you want to proceed. If you changed your mind about cancelling all your open orders, then click the **No** button. After clicking **Yes**, all your orders will be cancelled and would be removed from the Open Order table list.

7.3.2.1 Customize Columns

You can customize your Open order table list by editing which order properties would appear on the window. To do so, simply right click your mouse anywhere inside the **Open Orders** window and clicking the **Customize Columns** selection from the pop-up menu. The **Set Columns** window illustrated below would be launched by the system.



To edit column entries that would appear on your Open Orders table list, check/uncheck the tick box next to the property's label. Click the **OK** button when you're done. The changes that you have made would be applied on your Open Orders table list.

7.4 Open Positions

7.4.1 Introduction

The Open Positions window lists all values which are currently held at the trading system. An illustration of the Open Positions window is elaborated below:

1. **Contract**. Displays the type of trading implemented on the order.
2. **Position**. Shows the type of order position.
3. **Volume**. Specifies the total volume ordered for a particular contract. In case when there are multiple orders for a single contract, all the volume values of each orders are collected. The values of the collected volume are added and displayed on all orders belonging to the particular contract.
4. **Fill price.** Displays the fill price for a particular order.
5. **Profit.** Displays the real time profit that an order gains or lose.
6. **Account**. Identifies the account used on the orders.

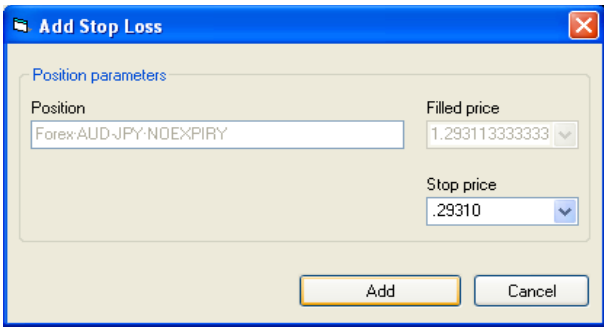
7.4.2 Working with Open Positions Table

The Open Position pop-up task menu can be launched by right clicking your mouse anywhere inside the Open Position report table. From there, select from the six different configuration related tasks that you can execute for your open positions. The six configuration related tasks are:

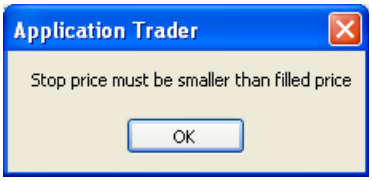
1. Add Stop Loss
2. Add Profit Stop
3. Add Trailing Stop
4. Close Position
5. Close All Position
6. Customize Columns

7.4.2.1 Add Stop Loss

Maran allows you to add stop loss on your open position orders. To set a Stop loss value on one of your open position, right click on the table row displaying the order that you want to edit and select **Add Stop Loss** from the pop-up menu. The window illustrated below will be launched:



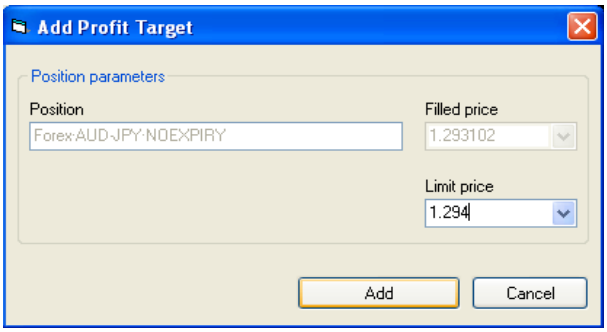
Enter the stop price value that you want to put on your open position. Note that the stop loss price will relate to the current market price and not to the quote when the position was ordered. The order where you add the Stop Loss value will be closed when the Stop price value is reached and the order entry will be deleted on the Open Positions table. Additionally, the value of your stop price must be smaller than the filled price. If you try to enter a stop price higher than the filled price, an error prompt similar to the one displayed below will appear.



When you are done, click on the **Add** button to commit Stop Loss price to the system. If you changed your mind about adding stop loss to your open position order, click the **No** button.

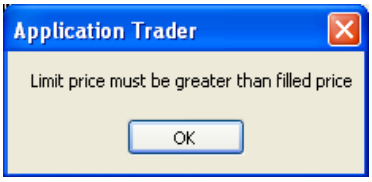
7.4.2.2 Add Profit Stop

Maran also allows you to add profit stop on your open position orders. To set a Profit Stop value on one of your open position, right click on the table row displaying the order that you want to edit and select **Add Profit Stop** from the pop-up menu. The window illustrated below will be launched:



Enter the profit target limit price that you want to put on your open position. Note that the Profit Stop price will relate to the current market price and not to the quote when the position was ordered. The order where you add the Profit Stop value will be closed when the Profit Stop price

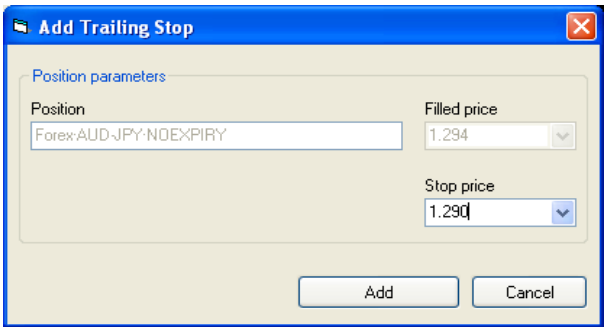
is reached and the order entry will be deleted on the Open Positions table. Additionally, the value of your profit limit price must be higher than the filled price. If you try to enter a profit limit price lower than the filled price, an error prompt similar to the one displayed below will appear.



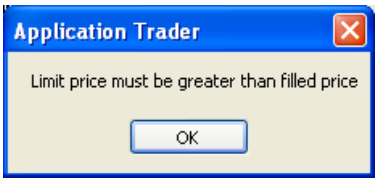
When you are done, click on the **Add** button to commit Profit Stop price to the system. If you changed your mind about adding profit target to your open position order, click the **No** button.

7.4.2.3 Add Trailing Stop

Maran also allows you to add trailing stop on your open position orders. To set a Trailing Stop value on one of your open position, right click on the table row displaying the order that you want to edit and select **Add Trailing Stop** from the pop-up menu. The window illustrated below will be launched:



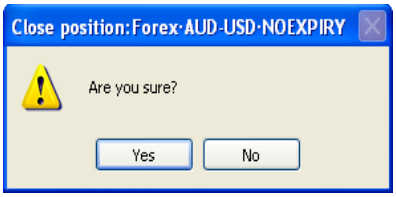
Enter the trailing stop limit price that you want to put on your open position. Note that the Trailing Stop price will relate to the current market price and not to the quote when the position was ordered. The order where you add the Trailing Stop value will be closed when the Trailing Stop price is reached and the order entry will be deleted on the Open Positions table. Additionally, the value of your trailing stop price must be larger than the filled price. If you try to enter a stop price lower than the filled price, an error prompt similar to the one displayed below will appear.



When you are done, click on the **Add** button to commit Trailing Stop price to the system. If you changed your mind about adding trailing target to your open position order, click the **No** button.

7.4.2.4 Close Position

Maran allows you to close your Open Positions if you want to terminate trading them. You can close an order by left clicking your mouse on the row where the order that you want to close is displayed and selecting the **Close Position** from the pop-up menu. Maran would first confirm if you want to close the order by displaying the prompt window below:



Click **Yes** if you want to proceed. If you changed your mind about cancelling your order, then click the **No** button. After clicking **Yes**, the order that you closed and moved to the open positions table it is processed.

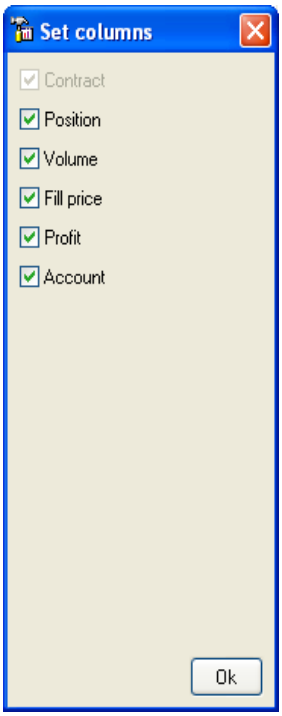
7.4.2.5 Close All Positions

Maran also allows you to cancel ALL your Open Positions. You can cancel ALL your open positions by left clicking your mouse anywhere inside the Open Positions table and selecting the **Cancel All Positions** from the pop-up menu. Maran would first confirm if you want to cancel all your open positions by displaying the prompt window below:

Click **Yes** if you want to proceed. If you changed your mind about cancelling all your open Positions, then click the **No** button. After clicking **Yes**, all your open position orders will be cancelled, removed from the Open Positions table list, and move to Open Orders table list until they are processed.

7.4.2.6 Customize Columns

You can customize your Open positions table list by editing which order properties would appear on the window. To do so, simply right click your mouse anywhere inside the **Open Positions** window and click the **Customize Columns** selection from the pop-up menu. The **Set Columns** window illustrated below would be launched by the system.



To edit column entries that would appear on your Open Positions table list, check/uncheck the tick box next to the property's label. Click the **OK** button when you're done. The changes that you have made would be applied on your Open Orders table list.

7.5 Filled Orders

7.5.1 Introduction

Filled orders task window shows all the trade transactions (buy and sell) that you have executed on the Maran's trading server.

The Filled Orders window is composed of the following elements:

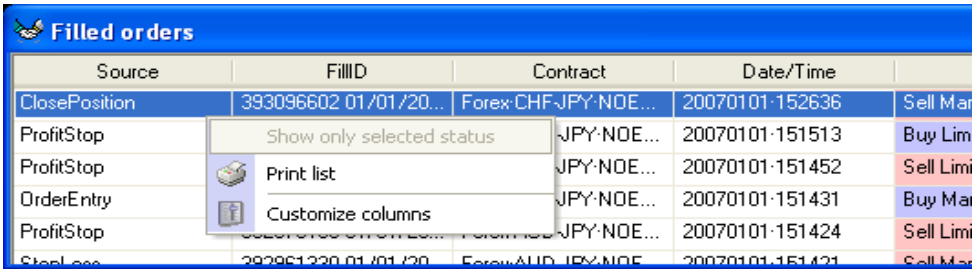
1. **Source.** Displays the nature of orders. Identifies how an order was initiated.

2. **Fill ID.** Serves as the unique ID of your orders.
3. **Contract**. Identifies the Forex/Index market where order was based.
4. **Date/Time.** Specifies the date and time when order was filled.
5. **Order.** Displays the type of order.
6. **Fill Price.** States the Buy/Sell price of an order when it was filled.
7. **Volume.** Shows the amount of lots/shares was bought/sold.
8. **Account.** Identifies the account used on transacting an order.

7.5.2 Working with Filled Orders Table

The Filled Orders pop-up task menu can be launched by right clicking your mouse anywhere inside the Filled Orders report table. From there, select from the three different configuration related tasks that you can execute for your filled orders. The three configuration related tasks are:

1. Show Only Selected Status
2. Print List
3. Customize Columns



7.5.2.1 Show only selected status

This command allows you to filter the contents of your Filled Orders table and for it to show only selected status.

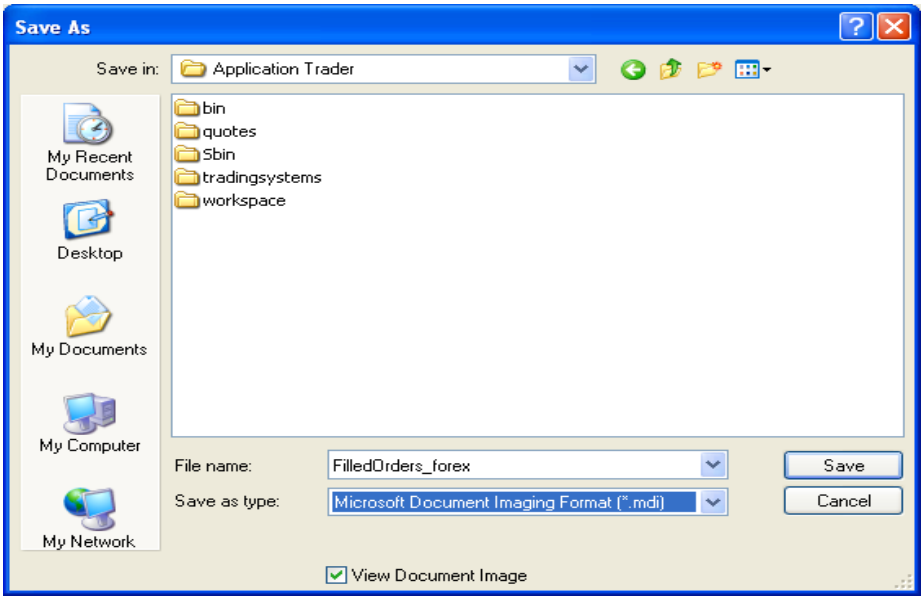
7.5.2.2 Print List

To print the list of filled orders, right click your mouse anywhere inside the Field Orders report table and select the **Print List** command from the pop-up menu. You would get a confirmation prompt from the system asking you if want to proceed with the printing task.

Select **Yes** if you want to proceed. Otherwise, select **No** to return to Maran's workspace.

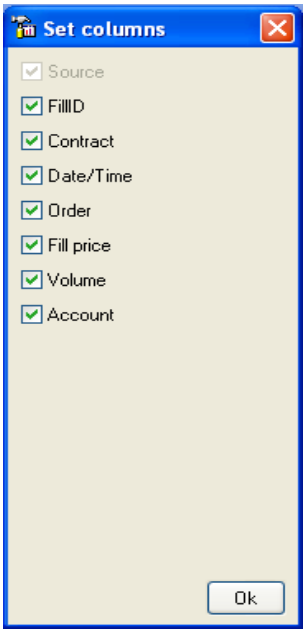
After confirming the printing task, a Save As window will appear. Assign a valid file name for your order list. You will need to save your Filled Orders list using the Microsoft's Document Imaging Format (*.mdi). After this, click the Save button to save the list onto the file that you have just named.

When the list is already saved, open the file that you have just created using the Microsoft Document Imaging tool. This viewer application comes in default with the typical Windows operating system installation. Print the saved Filled Orders list that you have just opened using the print functionality that comes with Microsoft Document Imaging application.



7.5.2.3 Customize Columns

You can customize your Filled Orders table list by editing which order properties would appear on the window. To do so, simply right click your mouse anywhere inside the **Filled Positions** window and click the **Customize Columns** selection from the pop-up menu. The **Set Columns** window illustrated below would be launched by the system.



To edit column entries that would appear on your Filled Positions table list, check/uncheck the tick box next to the property's label. Click the **OK** button when you're done. The changes that you have made would be applied on your Filled Orders table list.

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